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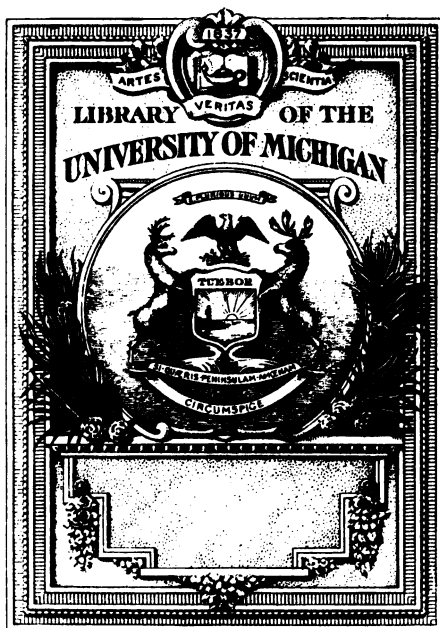
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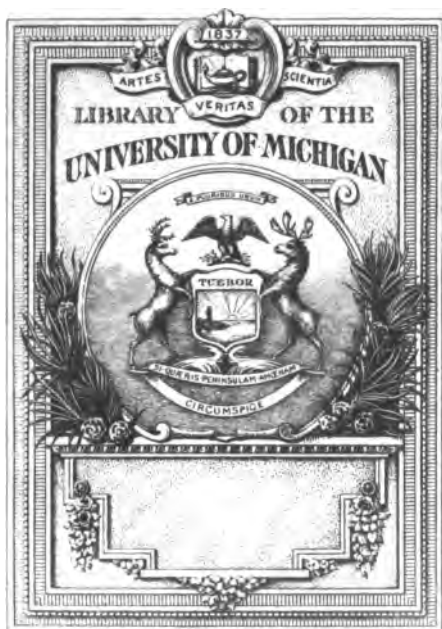
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Samuel *Pepys'*
Memoires

Of the Royal Navy

1679-1688

Edited by

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Cambridge



At the Clarendon Press

MCM VI

Tudor & Stuart Library
Pepys' Memoires of the
Royal Navy 1679-1688

appeared indispensable to his contemporaries, and impressed his successors with the record of a fine career of public service, is a different person from the Pepys of the *Diary*. The work of the Navy Records Society has recently begun to bring into court the evidence contained in the Pepysian Library at Magdalene College, Cambridge.¹ The official correspondence of Pepys himself during the time that he was Secretary to the Admiralty, and other official documents copied or carried off by him into his own library, disclose a public servant of a much higher type than anything which the period of the Restoration has hitherto been credited with producing. Pepys appears here as a man of sound judgement, of orderly business habits and methods, of great administrative capacity and energy, and of extraordinary shrewdness and tact in dealing with men. He reorganized the administration of the navy at the points where it was weakest, brought in business principles where they had not been hitherto effectively applied, and made some progress, in spite of difficulties which

¹ Ed. J. R. Tanner, *A Descriptive Catalogue of the Naval Manuscripts in the Pepysian Library*, vols. i, ii. (Navy Records Society Publications, vols. xxvi, xxvii.)

would

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would have been the despair of a less strenuous administrator, towards the solution of the delicate problem of naval discipline. The *Diary* suggests Restoration vices; the record of the official career of its author exhales the authentic savour of Puritan virtues. In his unselfish devotion to duty, in his pride in the great organization which he controlled, in the patience and tenacity with which he laboured to bring his subordinates gradually up to a higher standard of conduct, Pepys is at one with the Puritan colonels who organized and carried through the First Dutch War. In spite of all the tendencies of the Restoration, he was caught up on to the same high plane of duty. The naval administrators of the Commonwealth had everything in their favour—unlimited funds, the tone of the time, a business tradition carried over from the Cromwellian army. Samuel Pepys had none of these things, and yet he displayed the same spirit, and achieved no mean result.

If the intimate self-revelation of the *Diary* does a good deal less than justice to Pepys the public servant, peculiar interest must necessarily attach to his only other acknowledged work, *Memoirs relating to the State of the Royal Navy of England*, for in this he appears as a naval administrator
pure.

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pure and simple, defending an official position in official language, with the help of statistics and official documents.

In form the *Memoirs* are a fragment of history—‘the contents of one chapter of a greater number, wherewith the world may some time or other be more largely entertained upon the general subject of the *Navalia* of England.’¹ We know that Pepys dallied with the notion of becoming an historian from an entry in the *Diary*, where he receives with enthusiasm the idea of writing a history of the First Dutch War, ‘it being a thing I much desire, and sorts mightily with my genius’.² Evelyn also, in writing of his friend’s death on May 26, 1703, refers both to the *Memoirs* and to the larger design of which they were intended to be the forerunner. ‘This day died Mr. Sam. Pepys, a very worthy, industrious, and curious person, none in England exceeding him in knowledge of the navy. . . . Besides what he published of an account of the navy as he found and left it, he had for divers years under his hand the History of the Navy, or *Navalia* as he call’d it; but how far advanced and what will follow of his is

¹ p. 128 *infra*.

² *Diary*, iv. 158 (June 13, 1664).

left

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left, I suppose, to his sister's son'¹ The immediate occasion for the *Memoirs*, however, was not historical but controversial. A note at the end of one of the Pepysian Manuscripts² tells us that they were published about June, 1690, to defend the Special Commission of 1686 in general, and Sir Anthony Deane, Mr. Hewer, and Pepys himself, in particular, against the attacks of 'a strong combination' 'raised for the discrediting of the same'.

In May, 1679, Pepys had been driven from office by the Popish Plot. He had been succeeded in the Secretaryship of the Admiralty by Thomas Hayter, but with this had been associated other and greater changes. The whole office of Lord High Admiral had been placed in commission, with the result that for five years the higher administration of the Navy was entirely in the hands of incompetent and inexperienced men. 'No king,' wrote Pepys in his private minute-book³, 'ever did so unaccountable thing to oblige his people by, as to dissolve a commission of the Admiralty then in his own hand, who best understands the business of the sea

¹ Evelyn's *Diary* (edition of 1879), iii. 165.

² Pepysian MSS., No. 1,490, p. 73.

³ *ib.*, No. 2,866, *Naval Minutes*, p. 76.

of

of any prince the world ever had, and things never better done, and put it into hands which he knew were wholly ignorant thereof, sporting himself with their ignorance.' The result was that the effective force at sea was reduced; the ships in harbour were allowed to fall out of repair; and waste and neglect appeared in every department of the administration. In May, 1684, however, the Admiralty Commission of 1679 was revoked, the office of Lord High Admiral passed once more into the hands of the King, with the advice and assistance of James, Duke of York, and on June 10 Pepys was recalled to the office of Secretary to the Admiralty, now formally constituted for the first time by letters patent under the Great Seal.¹ The result was a new experiment in organization—the establishment of the temporary Special Commission of 1686 to remedy the disorders in the navy which had been inherited from the reign of the Admiralty Commission of 1679–84. The purpose of the *Memoirs* was on the one hand to denounce the period of mismanagement, and on the other hand to defend the Special Commission of 1686 from the charges which had been brought against it.

¹ Pepysian MSS., *Miscellanies*, xi. 226.

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A great part of the original materials from which the *Memoirs* are compiled is to be found in the Pepysian Library at Cambridge, in a manuscript volume entitled *My Diary relating to the Commission constituted by King James the Second, Anno 1686, for the Recovery of the Navy, with a Collection of the Principal Papers incident to and conclusive of the same.*¹ Among other papers, this contains 'A Memorial and Proposition from the Secretary of the Admiralty touching the Navy', bearing date January 26, 1685-6, which was presented to King James II, 'in his new closet' (the Lord Treasurer being, present), on January 29, 'where they received it both with extraordinary instances of satisfaction and concurrence'. This 'Memorial' opens with a comparison of the state of the Navy in 1679 and in 1684, in which the figures given do not differ materially from those in the *Memoirs*.² Next is an account of the state of the navy in January, 1686, which is evidently the source from which the corresponding section of the *Memoirs* was compiled.³ Then follows a 'Proposi-

¹ Pepysian MSS., No. 1,490.

² pp. 2-5 and 8-9 *infra*.

³ pp. 13-16 *infra*.

tion

tion' containing the suggestions which Pepys had to offer for the remedy of the chargeableness of the navy, and this is the original of the document bearing the same title, which is printed below.¹ The list given in the printed volume² of the necessary qualifications of those who were to be employed in the work of reorganization is also borrowed from the 'Memorial', which gives a much fuller account than that of the *Memoirs* of the steps which were taken to secure the services of the famous shipwright, Sir Anthony Deane. Pepys prints in the *Memoirs*³ a list of shipwrights from his manuscript volume, but he does not print the somewhat libellous 'characters' of the different individuals named in it, which are to be found in the MS. Of these the description of Mr. Lawrence, the master shipwright at Woolwich, may be taken as typical: 'A low-spirited, slow, and gouty man . . . illiterate and supine to the last degree.' The purpose of this list of disqualifications

¹ pp. 19-22. The form in the printed *Memoirs* is that in which the manuscript was transcribed for the use of Sir Anthony Deane and his colleagues.

² pp. 25-6 *infra*.

³ pp. 29-30 *infra*.

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was to compel the King to come to terms with Sir Anthony Deane, and the method adopted was entirely successful.

The *Memoirs* deal with four other points of interest lying outside the problem of higher naval reorganization with which they are mainly concerned. (1) The defenders of the incapable administration of 1679-84 had attributed the decay of the thirty new ships built under the Act of 1677 to 'want of care in the choice of their materials, as being built either of East Country goods, or doted and decayed English timber'.¹ In the *Memoirs*² Pepys, with the aid of official documents, vindicates East Country plank, and attributes the decay of the ships to 'the plain omission of the necessary and ordinary cautions used for the preserving of new-built ships'³—want of graving and bringing into dock; neglect to clean and air the holds, 'till I have with my own hands gathered toad-stools growing in the most considerable of them, as big as my fists'⁴; exposure 'in hot weather to the sun broiling in their buttocks and elsewhere for want of cooling with water'⁵; and 'planks not opened

¹ Pepysian MSS., *Admiralty Letters*, x, 170.

² pp. 33-54 *infra*.

⁴ *ib. infra*.

³ p. 47 *infra*.

⁵ p. 48 *infra*.

upon

upon the first discovery of their decays, nor pieces put in where defective'.¹ (2) The *Memoirs*² print, presumably from the Pepysian MSS.,³ James II's 'establishment about plate carriage and allowance for captains' tables', dated July 15, 1686—an attempt to revive discipline in the navy by giving the Admiralty a ready control over ships on foreign service, and at the same time so to improve the position of the captains as to put them beyond the reach of temptations to neglect public duty for private gain. (3) Pepys attempts a financial vindication of the Special Commission of 1686,⁴ showing that the sums expended by it amounted altogether to £307,570 less than 'might unexceptionally have been expended' on the calculation of the original 'Proposition'; and notes that the salaries of the officials who effected this saving amounted to little more than £6,000 and the 'simple wages of a worn, unassisted secretary'.⁵ (4) From the ample materials at his disposal he furnishes complete and orderly lists of the ships of the Royal Navy.⁶ Some of this

¹ p. 48 *infra*.

² pp. 55–68 *infra*.

³ No. 2,867, *Naval Precedents*, p. 245.

⁴ pp. 80–5 *infra*.

⁵ p. 85 *infra*.

⁶ pp. 86–127 *infra*.

information

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information was probably derived from his *Register of the Ships of the Royal Navy of England* now preserved in the Pepysian Library.¹

Regarded as controversial literature, Pepys's *Memoirs* are extraordinarily methodical, temperate, and fair. The official documents are allowed to tell their own story; where they are condensed, our access to the original materials enables us to appreciate the skill, accuracy,² judgement, and sense of proportion with which the condensation is effected; and the writer contrives to preserve throughout a tone of reasonableness which was not any too common in the controversies of the day. Moreover the conclusions to which Pepys came are confirmed from independent

¹ Pepysian MSS., no. 2,940. The *Register* is printed in the *Descriptive Catalogue of the Naval Manuscripts in the Pepysian Library*, vol. i. (Navy Records Society Publications, vol. xxvi.)

² It is curious that Pepys, usually so accurate, should begin his *Memoirs* with a mistake. He speaks of himself (p. 1 *infra*) as 'now shut up in the Tower' in *April*, 1679. As a matter of fact he was not committed thither under the Speaker's Warrant until May 22 (*D. N. B.* xliv. 363). The last letter written by him as Secretary to the Admiralty is dated May 21 (Pepysian MSS., *Admiralty Letters*, ix. 284).

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sources. His condemnation of the administrators of 1679-84 is supported, as Macaulay points out,¹ by an expert from the French Admiralty; and his eulogy of the Special Commission of 1686 is justified by the report of the Commission of Public Accounts appointed in December, 1690,² under an Act passed in the first Parliament of William III.

X In his concluding remarks³ Pepys ascends for a moment from the plane of polemics to higher ground. The essential 'truths' of the 'Sea OEconomy' of England are as valid to-day as when he stated them more than two centuries ago—'that integrity and general (but unpractised) knowledge are not alone sufficient to conduct and support a navy so as to prevent its declension into a state little less unhappy than the worst that can befall it under the want of both': 'that not much more (neither) is to be depended on, even from experience alone and integrity, unaccompanied with vigour of application, assiduity, affection, strictness of discipline, and method'; but that what is needed above

¹ *History of England* (Longmans, 2 vols., 1880), i. 146.

² Dec. 26, 1690 (*Commons Journals*, x. 528).

³ pp. 128-31 *infra*.

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all things is 'a strenuous conjunction of all these'. And the *non nobis* with which he concludes his volume is not inconsistent with that sober Puritanism upon which this complex character was ultimately based—'and yet not such but that (even at this its zenith)' the navy of England 'both did and suffered sufficient to teach us that there is Something above both that and us that governs the world. To which (Incomprehensible) alone be glory.'

A correspondence on the bibliography of the *Memoirs* has been published in *Notes and Queries*,¹ from which it appears that some copies of the original edition contain manuscript corrections, apparently made at the same time and with the same ink and pen. These have been attributed to Pepys himself, and may very well have been made by him in the copies which he gave away

¹ *Seventh Series*, vol. vii, pp. 81, 196, 274, 315, 398. The writer of this Introduction desires to acknowledge his indebtedness for this reference to Mr. C. E. Doble of the Clarendon Press, who has also allowed him to see a copy of the *Memoirs* containing Pepys's corrections.

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among his friends. They have all been noted in the reprinted text.¹

Although some of the corrections suggest that the author might have read his proofs more carefully in the first instance,² yet if they are taken as a whole, another inference may be drawn from them. Provided that the identification of the handwriting is correct, they show the characteristic care which Pepys afterwards took to make his defence of his naval administration accurate on points of form, as well as in all matters of detail.

J. R. TANNER.

ST. JOHN'S COLLEGE, CAMBRIDGE,

April, 1906.

¹ pp. 7, 19, 21, 22, 23, 24, 32, 39, 49, 50, 56, 65, and 76 *infra*.

² Cf. also the misprint for 'particularly' on p. 50 *infra*, line 16.

Memoires
Relating to the
S T A T E
O F T H E
ROYAL NAVY
O F
E N G L A N D,
For Ten Years, Determin'd
December 1688.

*Quantis molestiis vacant, qui nihil omnino
cum Populo contrahunt? Quid Dulcius
Otio Litterato? Cic. Tusc. Disp.*

L O N D O N:

Printed for *Ben. Griffin*, and are to be sold
by *Sam. Keble* at the Great *Turks-Head* in
Fleet-street over against *Fetter-Lane*, 1690.



Memoires
 Relating to the
STATE
 OF THE
ROYAL NAVY
 OF
ENGLAND.

T Was in *April* 1679, when (my April
 unhappy *Master*, his then *Royal* 1679
Highness, having but newly been
 commanded abroad, and my self now
 shut up in the *Tower*) *His Majesty* K. *Admi-
 Charles the Second* was led to the ex- *ralty-
 changing the Method*, wherein the *Manage-
 Affairs* of his *Admiralty* had for some *ment
 altered.*
 years before been manag'd under his
 own Inspection, for that of a *Com-
 mission*, charg'd with the *Execution* of
 the whole *Office* of his *High Admiral*.

*The Jun-
cture pro-
per for
the Alte-
ration.*

*Inquisi-
tion into
the Navy
by Par-
liament.*

An Occurrence carrying this in it of peculiar ; That no one *Article of Time* appears within the whole *History* of our *Navy*, wherein this could have fallen out more equally towards the *Persons* immediately interested in the *Alteration*. Forasmuch as (by occasion of a *War* then newly in agitation with *France*) the *State* of the *Navy* had past an *Inquisition* so publick and solemn (extant at this day in the *Registers* both of *Parliament* and its own) as no time can shew to have at once been ever before taken ; leaving no room for *Controversie* (under any future *Events*) touching the condition wherein the *Navy* was at that time, either deliver'd over by the *one*, or taken in charge by the *other*.

*State of
the Navy
then.
Ships in
Sea-Ser-
vice.*

Which Condition was shortly this, viz.

I. The *Grofs* of the *Fleet* of *England* was in that state of *Repair*, as (in prospect of the foremention'd *War*) to have had but few Months before, and upon less than four Months warn-
ing,

ing, actually in *Sea-service* and *Pay*, compleatly furnished with six Months *Sea-stores*, *Eighty three* of His Majesties own *Ships of War* and *Fire-Ships* (over and above Merchant-men, and the numerous Train of *Ketches*, *Smacks*, *Yachts*, and other small Craft, attending the same) and these of the highest, as well as other Rates, employing in the whole above 18000 Men, as follows.

Abstract of the Fleet in August, 1678.

	N ^o	Men.
<i>Rates</i> —	1—	5—3135
	2—	4—1555
	3—	16—5010
	4—	33—6460
	5—	12—1400
	6—	7—423
<i>Fire-Ships</i> —	6—	340
<hr/>		
<i>Total</i>		83—18323

Of which were left in like *Sea-Pay*
at the time of my *Confinement*, Three-
B 2 score

Memoires touching

score and Sixteen of the following
Rates, bearing 12000 Men.

Abstract of the Fleet, left by Mr.
Pepys in Sea-pay, April 1679.

		N ^o	
<i>Rates</i> —	1—	1	} <i>Men.</i> —12040
	2—	3	
	3—	15	
	4—	30	
	5—	12	
	6—	7	
<i>Fire-Ships</i> —		8	
<hr/>			
<i>Total</i>			76

*Condition
of those
in Har-
bour.*

II. The whole *Residue* of the *King's*
Repairable *Ships* were (upon no less
solemn an *Enquiry*) reported within
the same time, by the *Surveyor* of his
Navy, and *Body* of the *Navy-Board*,
in a condition of being thoroughly
fitted for the *Sea* and furnish'd with
Sea-stores for 50000 *l.*

*Stores in
Maga-
zine.*

III. And towards this, and the
answering what extraordinary *Supplies*
this

this *Fleet* (had not the War prov'd abortive, and the *Ships* with their *Stores* been thereby in the main soon brought in and laid up) might have had occasion for, beyond its fore-mention'd six Months; a further *Re-serve* remain'd untoucht in *Magazine*, to the value of *Threescore thousand pounds*.

IV. Lastly, A *Force* additional to all this of *Thirty Capital Ships* was then actually in *Building*; Whereof *Eleven* newly *Launch'd*, and the Remainder (all of them) under an assiduous prosecution upon the *Stocks*. An Addition, rendering the *Whole* a Security not unequal (ordinary *Providence* concurring) to the publick *Ends* of it, in the maintenance of the *Peace* and *Honour* of the *Government* on *Shore*, and support of its ancient, rightful, and envy'd *Title* to *Dominion* at *Sea*.

This was the *Posture* of the *Royal Navy* at the time of my *Removal* from it. Concerning which I shall take the

the liberty only to say, That though I am one, who could never think any room left for a *Subject's* Supererogating in the honest *Service* of his *Prince*; yet cannot I but own so much content in the contemplation of that little *Part* I had born in the rendring it such, as may reasonably arise from the not being conscious of any one *Instance* to be shewn me through the whole *Marine History* of *England*, of a time wherein its *Navy* had been ever before recorded in a better.

*State of
the Navy
of Eng-
land in
no time
better.*

*May
1679,
Commis-
sion of
the Ad-
miralty,
its Date
and Dur-
ation.*

And so sets out this *Commission* in *May 1679*, continuing in its Execution five years.

During which, being my self wholly sequestred from that and all other *Publick Affairs*, Those of the *Navy* became foreign to me; as having no other Notices concerning them, than what too often occur'd in common conversation, touching the *effects* of *Inexperience* daily discovering themselves in their *Conduct*; and (what was no mean *Addition* to it) the unconcernment

*Conduct
thereof
observed.*

ment wherewith his then *Majesty* was said to suffer his being familiarly entertain'd on that Subject; while at the same time his transcendent *Mastery* in all *Maritime*¹ *Knowledge*, could not (upon the least *Reflection*) but bring into his view, the serious *Reckoning* the same must soon or late end in, to his *Purse* and *Government*. As at the five years end it prov'd to do.

When (in *May* 1684.) being self-convinc'd of the inexpediency of his longer continuing the *Navy* under that *Management*, He was pleas'd to come to a sudden determination, of resuming the Business of it into his *own Hands*, assisted by his *Royal Brother*, then come back, and by his *Commands*, (neither sought-for, nor foreseen, but brought me expressly from *Windsor* by the Lord *Dartmouth*) to require my immediate Return to the *Post* I had formerly had the *Honour* of serving him at, therein.

Pursuant hereto, the late *Commission* being *Admiralty Commission dissolved.*

¹ *Maritime* corr. S. P.

A Review of the Navy as returned to the King, here stated.

Ships at Sea.

being dissolv'd, and His Majesty taking to himself the Personal Direction of its Work; He judg'd it for his Service to begin with a fresh Enquiry into the Condition wherein his Navy was now return'd him, and found the Result of it this.

I. Four and Twenty of his Ships (and no more) were then at Sea, and those of the following Rates (not one above a fourth) employing but 3070 Men.

Abstract of the Fleet at Sea at the Close of the Commission of the Admiralty, May 1684.

	N ^o .	Men.
Rates—	4 th ——— 12 ———	2120
	5 ——— 5 ———	560
	6 ——— 5 ———	325
Fire Ships ———	2 ———	65
Total 24 ———		3070

Condition of those in Harbour.

II. The Remainder of the Navy in Harbour so far out of Repair, as to have had the Charge of that alone (without Sea-Stores) estimated just before

fore by the same Surveyor and Board, at no less than *One hundred and twenty thousand Pounds*.

III. And towards this, a *Magazine* *Magazine of Stores*, as lately reported from the same *Hands*, not to amount to *Five thousand Pounds*.

A *Magazine*, so unequal to the Occasions of such a *Navy*; that whereas *Peace* us'd evermore to be improv'd to the making up the *wasteful effects* of *War*. This appears (after the longest *Vacation* of a *Home-marine Peace*, from the *Restoration* of the *King* to this *Day*) to have brought the *Navy* into a *state*, more deplorable in its *Ships*, and less relievable from its *Stores*, than can be shewn to have happen'd (either in the *One*, or the *Other*) at the *Close* of the most expenceful *War*, within all that time, or in *forty years* before.

IV. *Especially*, when in this its *General ill plight*, consideration shall be had of that *Particular* therein, which relates to the *Thirty New Ships*. Not more

That Magazine considered.

Ill State of the 30 New Ships.

Memoires touching

more surprizing for the *Fact*, (after the solemnity and ampleness of the *Provision* made for them by *Parliament*) than important for its *Consequences*.
Import of those Ships. Forasmuch as in these Ships rested not only that, by which the present *Sea-strength* of *England* surmounted all it had ever before had to pretend to, and the utmost that its present *Woods* (at least within any reasonable *Reach* of its *Arsenals*) seem now able to support with *Materials*, or its *Navigation* with *Men*; but that *Portion* also of the same, upon which alone may at this day be rightfully said to rest, the *virtue* of the *whole*, oppos'd to the no less considerable *Growths* in the *Naval Strengths* of *France* and *Holland*.

The illness of their State particularized. The greatest part nevertheless of these *Thirty Ships* (without having ever yet lookt out of *Harbour*) were let to sink into such Distress, through *Decays* contracted in their *Buttocks*, *Quarters*, *Bows*, *Thick-stuff* without *Board*, and *Spir-kettings* upon their *Gun-decks* within; their *Buttock-Planks* some of them
started

started from their *Transoms*, *Tree-nails* burnt and rotted, and *Planks* thereby become ready to drop into the *Water*, as being (with their Neighbouring *Timbers*) in many places perish'd to powder, to the rendring them unable with safety to admit of being *broom'd*, for fear of taking *Fire*; and their whole *sides* more disguis'd by *Shot-boards* nail'd, and *Plaisters* of *Canvas* pitch'd thereon (for hiding their *Defects*, and keeping them above *Water*) than has been usually seen upon the coming in of a *Fleet* after a *Battle*; that several of them had been newly reported by the *Navy-Board* it self, to lye in danger of *sinking* at their very *Moorings*.

And *this*, notwithstanding above *Excessive* *Six hundred thousand pounds* (not yet *Charge* accounted for by the *Navy-Board*) *of these* *Ships, un-* spent in their *Building* and *Furniture*, *accounted* with above *Threescore and ten thousand for.* *pounds* more demanded for compleat-
ing them, amounting together to
670000 *l.*; and therein *exceeding*, not
only

only the *Navy Officers* own *Estimates*, and their *Master-Ship-wrights Demands*, but even the *Charge* which some of them appear'd to have been actually built for, by above *One hundred and seventy thousand pounds*.

The Fond for them well answered. And notwithstanding too, the flowing in of the *Monies* provided for them by *Parliament*, faster (for the most part) than their *Occasions* of employing it.

Provisions for securing an Account of these Ships, yet ineffectual. In a word; notwithstanding the *strict Provision* made by *Parliament*, the repeated *Injunctions* of His Majesty, the *Orders* of the then *Lord Treasurer*, and ampleness of the *Helps* purposely allow'd (to the full of their own *Demands and Undertakings*) for securing a satisfactory *Account* of the *Charge* and *Built* of the said *Ships*.

400000l. per Annum paid the Navy all this while. V. *Lastly*, While the *Navy* (under this five years uninterrupted *Peace*) was suffer'd to sink into this calamitous estate, even to the rendring some of its *Number* wholly *irreparable*, and reducing others (the most considerable in

in *Quality*) to a *Condition* of being with difficulty kept above *Water*; the *Navy* (as His *Majesty* was then assur'd by the *Lord Treasurer*) had been all that while supply'd, (one year with another) with *Four hundred thousand Pounds* per Ann.

Which being then the *Condition* of the *Navy*, and (as such) not receptive of any sensible *Amendment* within the short remainder of the *Life* of *King Charles*; his *Royal Brother* *King James* (upon his coming to the *Throne* in *February* following) was pleas'd to take among the first of his Cares this of the *Navy*, by an immediate application to the animating and enabling its *Officers* (with suitable Supplies of *Money*) to an industrious and effectual bestirring themselves towards the redressing it.

But with such unsuccessfulness (after a whole year's Proof of their *Performances*) as upon a fresh *View* of its *State*, taken in *January* 1683, to discover it self still declin'd to a yet more deplor-

Death
of K.
Charles,
Febr.

1684.

K. James
falls im-
mediately
upon the
redress of
the Navy,
by the
Officers
thereof.

But after
a years
proof
wholly
unsuccess-
ful.

State of the Navy, January, 1685. deplorable degree of *Calamity*; as follows,

I. After the *Expence* in *Workmanship* and *Materials* of above *Ninety thousand Pounds*, the *Navy-Officers* still demand for the *Repairs* of the *Fleet* the very same *Sum* the *Works* had by themselves been valu'd at, before a *Penny* of that *Ninety thousand pounds* had been laid out.

Ships not Grav'd. II. Not a *Quarter* of the *Ships* grav'd, which *themselves* had propos'd the having done within that time, and been expresly supply'd with the *Monies* demanded for it.

No Ships in present readiness for Service upon an Exigence. III. But one fourth *Rate*, and not so much as one *Fifth*, found (in the *Exigence* of the *Duke* of *Monmouth's Invasion*) in a condition of being got to *Sea*, in less than two *Months*, but by robbing of the very *Harbour-Guard*.

The 30 New Ships not yet gone in hand with, IV. Several of the 30 *Ships* (reported near two years since in a condition of *sinking*) not yet so much as gone in hand with, though *Money* ex-

expresly supply'd for that use too, by the Lord Treasurer. *Though Money supply'd.*

V. Their *Stores* also of greatest *value*, and calling for most time to provide (such as *Cables, Sails, &c.*) so much wanting, either through *Decay*, or being (in neglect of the *Statute*) diverted to *other uses*, as not to have any one of them furnish'd for the *Sea*, had they been otherwise in *Condition* for it. *Their Stores also wanting.*

VI. *Twice* as much time now demanded for fitting out *forty two* Ships, as had a year and half since been ask'd for *fifty five*. *The Time asked for fitting out Ships, more than doubled.*

VII. Not the least *Provision* made of *Long Timber* or *Plank*, for answering the most pressing and weighty works of the *Growing year*; though the greatest Part of the *Money* demanded for that use also, had been actually *advanc'd*, and the *Residue* lay in a known readiness to be so, as fast as call'd for. *No Provision made of the most necessary Materials, though Money supply'd for that also.*

VIII. *Three Years* still insisted on for the *Repair* of the *Fleet*, while *five Months* *Time* lengthen'd.

ened be-
yond
measure
for repair
of the
Fleet.

Months only rested unexpir'd of the time, within which (by former *Calculations* of their own) the *whole* was to have been *finish'd*.

Notwith-
standing
all Helps,
the Fleets
decays
outgrow
their
Cure.

IX. *Lastly*, After the utmost *proofs* of the *Procedures* of this *Board*, assisted by *Money* to the height of their *Demands*, it seem'd manifest to *His Majesty*, that the *Fleet's Decays* outgrew their *Cure*; and that should no other *course* be found for the remedying it, than what was now *stirring* among the

Navy
Officers
Estimates
of Repairs
incon-
sistent.

Navy Officers (whose *Estimates* of the very same *date* were found sometimes to differ not less than *double*, nay even *treble*, in the *Charge* of the *Repairs* of the very same *Ship*) no time could be assign'd, within which (if ever) their *Decays* (even as they then stood, without ought allow'd for their greatnings by *Delay*) could have their *Repairs* depended on.

Nor any
time to be
depended
on for the
dispatch
thereof.

*Causes of
these
Evils
what,
and what
not.*

From whence, and from the *King's* being in an especial manner convinc'd, that no part of these *Evils* sprang from the want of *Money, Hands, Materials*

or

or *Time*, but from other *Imperfections*, obvious enough, but uneasy to be now rectify'd in the *Persons* principally accountable for them; and considering likewise the necessity of having some instant and effectual *Remedy* provided, e're the *mischiefs* attending this *Management* became (what *one years* delay more must, at least as to the New Ships, have render'd them) insuperable: He was pleas'd (in subserviency to his own) to require my *Thoughts* touching the *Methods* most likely to compass his *Royal Aim* herein, and how far that (with the other standing and indispensable *Charges* of his Navy at Sea and in *Harbour*) might be together answer'd with 400000 *l. per Annum*; the Sum the then *Lord Treasurer* first propos'd the way of providing, and the *King* his Readiness to have set entirely apart for it.

Some instant
Remedy
necessary.

To be
(with the
other
necessary
charges of
the Na-
vy) de-
frayed
with

Which accordingly I soon after presented him with, in the *Terms* following.

400000 *l.*
per Ann.

Memoires touching

To the KING.

Sir,

T*Hough the general and habitual supineness, wastefulness and neglect of Order universally spread through your whole Navy, with the No-provision yet made of Materials the most necessary and difficult to be found for this so great Work; adding thereto the impossibility of arriving at any perfect knowledge of the weight of that work, from the disagreements daily discovered between the Estimates and real Charge of Works when perform'd; and lastly, the heavy consequences of any Failure that may happen in its Execution, seem to render any peremptory undertaking herein (from me at least) very unsafe, if at all justifiable. Yet so much am I acquainted with the Power of Industry and Good Husbandry, joyn'd with Knowledge and Methodical Application (no two of which seem at this day stirring together in any Part of your Naval Service) that after weighing every Article of what I am by your Majesty's*

Tender of undertaking ought.

Com.

Command now going to offer you, I am satisfy'd that your Majesty may reasonably expect the services mention'd in the following Proposition, Viz.

Proposition.

Mr.
Pepys's
Proposi-
tion.

*That with 400000 l. per Annum, sup-
ply'd by 100000 l. within each Quarter, 400000 l.
and in a known and effectual Order of assign'd
Payments, to be pre-adjusted with the for it,
Persons, who (being rightly¹ qualify'd with the
for it) shall be intrusted by your Majesty, of the
with the Management thereof, and assisted Proposi-
tion.
with your Authority in all matters con-
ducting to the Recovery of the lost
Discipline and Industry of your Navy;
the Retrenchment of all unnecessary
Charges and Wastes; the encouraging
and improving all means of Good Hus-
bandry and reasonable savings; and
the due Correction of all misdoers in
any of the Premises; your Majesty may
expect the Effects following, Viz.*

*I. The whole ordinary charge of Ordinary
your Navy on Shore and in Harbour charge
to be fully defray'd, and therein the and
works
Hulls*

¹ rightly corr. S. P.

Memoires touching

*of the
Navy.*

Hulls of your Ships duly kept in their ordinary Repair, grav'd (as by the Rules of the Navy they ought always to have been) by one Third every year, and supply'd with Ground Tackle sufficient for their safe mooring; and your Offices also and dwelling Houses, Store-Houses, Wharves, Cranes, and Keys to be throughout put into, and kept in their Ordinary repair.

*Extra-ordinary
Repairs
described.*

II. The extraordinary Decays under which the Body of your whole Fleet in Harbour now lies, to receive the full of their Repair also, to the utmost of what has been yet discover'd and described in the last and highest Surveys and Estimates presented of them to your Majesty by your

	l.
Repairs —	132000
Sea-Stores —	88000
For —	<u>220000</u>

Navy Officers, amounting (with their Stores) to 220000 l.; and this (with the finishing the Three New 4th. Rates) to be compleated within the year

*Within
what
time, and
how to
be per-
formed.*

1688.; and so done, that your Majesty and your Lord Treasurer may (according to the ancient and rightful Methods of the Navy) be satisfy'd at the end of each
ser-

service, how the Charge thereof has concurr'd with, exceeded, or fallen short of their Estimates, and the Monies sav'd there-from be made good to your Majesty, where too much; or the service further provided for by supplimental Estimates, where the first has fail'd of answering the real Charge.

III. These Ships (as fast as repair'd ^{To be furnished} and fitted in their Hulls) to be in ^{with Sea-}like manner compleatly supply'd with six Months Sea-Stores, and those separately laid up and preserv'd for use, whenever the Service of their respective Ships shall call for them.

IV. The same Number of Ships, and of equal Rates with those design'd by your Majesty in your late Declaration for 3000 Men for the present year, to be maintain'd at Sea in their full Wages, Victuals, Wear and Tear, for answering all your Foreign Occasions; With this Addition, that for the advancing¹ the Honour of your Majesty and your Government, and the maintenance of your Right of Sovereignty in these Seas,

¹ advancing corr. S. P.

Seas, beyond what appears to have been ever yet provided for it in time of Peace; your Majesty may (instead of the three small Ships design'd by that Declaration for your whole Channel-Guard, mann'd but with 275 Men) have a Squadron of ten Ships, consisting of one 3d. four 4th. three 5th. and two 6th. Rates, mann'd with no less than ¹ 1310 Men, besides Yachts.

The present want of small Frigates to be supplied by two in each year.

V. Lastly, In consideration of your Majesty's present and growing Want of nimble and less chargeable Frigats, for answering the ordinary Occasions of your Service, and which (through the general Age of your Old ones) you have already in some degree, and will indispensably be yet more constrain'd to supply, by Ships of less use and greater Charge; you may also expect a Recruit of such Vessels supply'd you new off of the Stocks, by two in each year.

A Supplemental Proposition, Relating to your Ships at Sea.

The Ships at Sea to

As to your Ships at Sea, whose Repairs not being included in the precedent Proposition,

¹ than add. S. P.

fition, will nevertheless (through their ^{be repair-}
 long continuances abroad) require being ^{ed, and}
 lookt after, as fast as your Service will ^{they and}
 admit of their being call'd home; your ^{the whole}
 Majesty may reasonably depend upon ha- ^{Navy}
 ving them also put into a full Repair, and ^{kept for}
 supply'd with six Months Sea-Stores, and ^{ever so,}
 both them, and the whole Fleet, (when ^{or new}
 once in like manner repair'd) kept for ^{ones¹}
 ever so (or made good by New ones to be ^{built, for}
 built in their Rooms, as they become ^{22s. per}
 irreparable) without other Charge to ^{Man a}
 your Majesty, than what arises from the ^{Month}
 Allowance ordinarily made for Wear ^{Wear and}
 and Tear during their stays abroad, rated ^{Tear.}
 but at 22 s. per Man a Month, instead
 of the 30 s. at which it has ever hitherto
 been estimated, and never yet prov'd to
 have Cost the Crown so little.

Digested by the Command, and
 submitted with all Humility to
 the Correction of Your Majesty.

S. Pepys.

¹ ones add. S. P.

This

The Proposition approved.

Present Methods of the Navy to be suspended, and new hands entertained.

The old Board nevertheless to be kept in full Salary.

This done, and the King with the Lord Treasurer upon several Debates approving it; His Majesty was pleas'd to determine upon an immediate putting the same in Execution, by suspending for a time the ordinary Methods of his Navy, and calling in to his Assistance some other Hands, upon whose Experience and Industry (in conjunction with a select Number of the present Board) he conceived he might with better security rely for the future success of his Service: Contented nevertheless (though¹ from an Expectation wholly unsuccessful) to continue the Remainder of them (freed of all other Services, than that of bringing-up the Accounts of their own time, and more particularly of the *Thirty New Ships*) in the same full Salary during this Suspension, which they before enjoy'd, and was not now to be exceeded even to Those on whom was to lie, the Care of Recovering in Three years, what under them had in the miscarrying cost the Crown Five.

¹ though add. S. P.

Towards putting which in practice, the first step was the *Choice* of the *Hands* so to be entertain'd. Wherein (as in the former) His Majesty requiring the service of my *Place*, I could not think of a more proper *Method* of discharging my *Duty* in it, than by laying before him (for his better distinguishing who *were*, from who *were not* fit for his Use, on an Occasion so little able to bear with any mistake therein) the *Qualifications*, which (as far as they were attainable) I conceiv'd ought to be aim'd at, in preference to all other *Regards*, in this *Election*. And these I accordingly with all submission tender'd him, in the Order and Terms following, *Viz.*

The New Hands to be chosen by their Qualifications; and those Qualifications what.

I. A Practic'd Knowledge in every *Practiced Part of the Works and Methods of your Navy, both at the Board and in your Yards. The not discerning of which (and the others that follow) appears to have cost your Royal Brother and You within the foremention'd five years, above half a Million.*

II. A

*Account-
antship.*

II. A General Mastery in the business of Accounts, though more particularly those incident to the Affairs of Your Navy.

Vigour.

III. Vigour of Mind, joyn'd with approv'd Industry, Zeal, and Personal aptness for Labour.

*Closeness
of Appli-
cation.*

IV. An entire Resignation of themselves and their whole time to this Your Service, without lyableness to Avocation from other Business or Pleasure.

*Credit for
integrity
and Loy-
alty.*

V. Lastly, such Credit with your Majesty for Integrity and Loyalty, as may (with the former conditions) lead both Your Self and my Lord Treasurer, to an entire confidence of having all done that can be morally expected from them, in the Advancement of your Service, and the Circumspect and Orderly Dispensing and Improving of your Treasure.

*The
Kings
choise.*

Which Limitations His Majesty having by a deliberate and distinct Application of them to the Nature, Importance, and multiplicity of the services to be at the same time painfully and knowingly attended to in this

this Affair, he judg'd them of behoof to be observed; and after a most solicitous enquiry made, and Collection had of as many Persons (and all, God knows, but few) as the Navy of *England* could furnish him with, qualify'd in any competent wise to answer the Characters beforemention'd, He was pleas'd to fix his choice upon

Sr. *Anthony Deane.*

Sr. *John Berry.*

Mr. *Hewer.*

Mr. *St. Michel.*

And this with so little privacy on their part to ought of His *Majesties* Proceedings herein; That could the *King* have satisfy'd himself in the fitness of any one other Person within his *Dominions* for supplying his Room, Sir *Anthony Dean* had prevail'd for his being excus'd. So instant, even to Offence (as the then Lord *Treasurer* will, I perswade my self, easily remember) were his *Solicitations* to be so;

Sir Ant.
Dean's
endea-
vour to
avoid it.

*The
Kings
final in-
sisting on
his Ser-
vice.*

*And his
induce-
ment to
the Choice
of him.*

so; as having (besides his being now settled in a more beneficial *Course* of Negotiation) industriously flung up (in the Year 1680) the same *Charge* of a *Commissioner* of the *Navy*; from his early prospect of its falling into that *Condition*, in which His *Majesty* now found it, and out of which he was therefore pleas'd finally to insist upon Sir *Anthony Deane's* return to his *Assistance* in the rescuing it.

Nor was the *King* led to this singularity of Opinion in favour of Sir *Anthony Deane*, from any less inducement, than what arose from a deliberate perusal of a Memorial I had on that Occasion prepar'd for him, containing a List of every Person then occurring to me (whether in or out of his *Service*) of more than common reckoning among the *Professors* and *Practicers* of *Shipwrightry* within this Kingdom. Which Memorial I here subjoyn, as evidencing more than enough the *reasonableness* (or rather *necessity*) of this his *Majesty's* Choice,
in

in the bare application of the fore-
mention'd conditions (respectively) to
the Persons nam'd therein.

March 9. 168 $\frac{5}{6}$

*A Memorial for the King towards
the Choice of a Person (qualify'd
as a Shipwright) to supply the want
of Sir Anthony Deane, in the
Commission now prepared for the
Navy; the same seeming Reducible,
To such as are in the Service,
either of*

The King, as his

	Places.	Persons.	<i>A List of</i>
Commissioners at the	Navy Board	{ S. J. Tippetts S. Phin. Pett	<i>the most eminent</i>
Master Ship- wrights at	Chatham	Mr. Lee	<i>present</i>
	Portsmouth	Mr. Betts	<i>Skip-</i>
	Deptford	Mr. J. Skisb	<i>wrights</i>
	Woolwich	Mr. Lawrence	<i>of Eng-</i>
	Sheerness	Mr. Furzer	<i>land.</i>
Master Ship- wrights Af- sistants at	Chatham	{ Mr. Dummer Mr. Pett	
	Portsmouth	Mr. Stiggand	
	Deptford	Mr. Harding	

Or

Memoires touching

Or the Merchants, as

	Places.	Persons.
Private Builders at	<i>Blackwal</i>	{ Sir H. Johnson
		{ Mr. Collins
	<i>Deptford</i>	Mr. R. Castle
	<i>Redr. Ratcl.</i>	Mr. Graves
	<i>Ec. in the Thames.</i>	{ Mr. Jon. Skiff Mr. Barham Mr. Narbrow

By the King's Command,

S. PEPTS.

The general
Scheme of
the Provision
now made
of Hands,
for the
service of
the Navy.

And so the Provision made by His Majesty for conducting the whole of his Growing services, and adjusting the Accounts of those past, was concerted out of the Old, assisted by New Members, under the following Distribution, Viz.

The

	The whole of the Commission.	For the Growing Services.		For adjusting the past Accounts.
		At the Board.	At the Yards.	
Old	L. Falkeland	L. Falkeland		L. Falkeland
	S. J. Tippers			S. J. Tippers
	S. R. Haddock.			S. R. Haddock
	S. P. Pett		S. P. Pett at Chatham	
New	S. J. Narbrough	S. J. Narbrough		
	Mr. Southerne			Mr. Southerne
	S. R. Beach		S. R. Beach at Portsmouth	
	S. J. Godwin	S. J. Godwin		
	S. Ant. Deane	S. A. Dean		
	S. J. Berry	S. J. Berry		
	Mr. Hewer	Mr. Hewer.		
	Mr. S. Michael		Mr. St. Michel at Dept. & Woolw.	

The Lord Falkeland remaining
Treasurer for the Whole.

Pursuant to this Scheme, the King by his Letters Patents of the 17th. of April 1686. after declaring that the Enquiries he had made since his coming to the Throne into the State of his Royal Navy, had discover'd it such,
as

The Kings Commission pursuant thereto. April 17. 1686.

Memoires touching

*The
Workes
of the
Navy to
be better
look'd
after.*

as call'd for some extraordinary *Application* for the putting it into that *Condition of Force and Discipline*, whereto his *Royal Purpose* was to restore and advance it; and that the weight and diversity of *Works* to be now perform'd, with greater *Vigour* and *Good-Husbandry* than he found to have been for some time¹ exercis'd therein, requir'd a *Distribution* of them answerable to the different *Qualifications* of the *Persons* he had to intrust with them; constituted these *Gentlemen* his *Commissioners*, charg'd with the *Duties* assign'd to each in the foregoing *Table*, and the *Instructions* annex to their *Commission*. Among which, to those intrusted with the growing *services*, this was one, *Viz.*

*These
Commis-
sioners
made
equally
account-
able for
the
whole.*

That forasmuch as from the present Disorders under which the whole business of the Office of his Navy was fallen, through the liberty for some time taken of committing the most important Parts of it to Clerks and inferiour Instruments, in lieu of the Officers themselves

¹ sometime corr. S. P.

per-

personally charg'd therewith, He had (answerable to what was successfully done by His Royal Grand-father, King James, on a like Occasion) thought it necessary to put the same into Commission, until the ancient Order and Discipline of it being recover'd, he might with safety restore it to its former Method of Institution; He declares His Royal Intention and Expectation to be, that these his Commissioners hold themselves jointly accountable for the well performance of the whole, and stand equally chargeable with the Failures found therein.

And so they enter'd upon the Execution of this Commission, as from Lady-Day 1686; directing their first step to the finding out the true Source of this so unexampled Evil they were now to contend with, in the most tender Part of their Charge, namely, the *New Ships*. Than which as nothing could be more deserving their nicest search, with regard to the publick import of the subject of it. So neither could any thing be of more

The Commission to operate from Lady Day. 1686. Enquiry into the true Cause of the New Ships decay.

particular moment to them, whom the King had thus intrusted with the Cure, than an explicate Knowledge of the *Origine* of the *Disease*.

*Vulgar
suggeſti-
ons touch-
ing the
ſame.*

Taking therefore this for the proper place of doing it, I here insert a ſhort Account of the iſſue of thoſe *enquiries* of theſe Gentlemen thereinto; and the rather, for the ſake of the *unaccountableneſs* of their *Suggeſtions*, who would have it wholly imputable to the *Hafteſneſs* of the *Building*, the *Greenneſs* of the *Stuff*, and eſpecial *Effects* of the *Eaſt-Country-Timber* and *Plank* wrought thereon.

*Hafteſneſs
in Build-
ing and
Green-
neſs of
Stuff, not
charge-
able
there-
with.*

To the two former of which, it was made appear to His *Majeſty*, that the *Ship* the *quickeſt* built of the whole number lay full *nine* months upon the Stocks, and but *ſeven* of the thirty leſs than an entire *Year*. Whereas diverſe Inſtances were produc'd out of his *Old Navy*, where the *Timber* had been ſtanding, cut, and converted, and the *Ships* built therewith, and launched in *ſix months*; without having one
Plank

Plank shifted in them (but for *Shot*) in *Eight* or *Nine Years* after. While on the contrary, *three* and *twenty* of these *Thirty* lay from *one* to full *two*, *three*, and *four Years* in building, and the last of them more than *five*; till above *one hundred pounds* was demanded by her *Builder* for repairing the Decays of her very *Keel*, as she lay upon the *Stocks*.

And for what concerns the Use of *Nor the East-Country-Stuff*; it was no less also shewn to the *King*, that several *Ships* *East-Country-Stuff* were then subsisting in his *Navy*, planked with no other, which after the same Service of *eight* or *nine Years*, were by many degrees in better *Condition*, than most of these at *three*.

It was moreover observ'd, that not above *Five* hundred of *Five* and *Thirty Thousand Loads* of *Timber*, provided for these *Ships*, were of *East-Country-Growth*. *Foreign Timber little.*

And that for *Plank*; had the *Officers* *Foreign Plank, not wanting, in* of the *Navy* (after twenty years currant use of it) met with any present Ground

*this particular
case.*

*Their Mate-
rials, (as
well For-
reign as
Dome-
stick,)*

*well re-
ported of
by the
Master-
Builders.*

*Univer-
sal Prac-
tice in*

*approval
of East-
Coun-
try-Stuff.*

*No Ships
worse,*

*than some
that had
none of
that Com-
modity in
them.*

for suspecting it, there had been *English* enough (and of proper *Thick-nesses*) contracted and paid for by the *King*, for answering all the Occasions of their *Buttocks* and *Hoodings* from the *Water's Edge* to their *Gun-deck-Ports* (where this *Evil* was observ'd principally to seize them) without resorting to the use of one Inch of *East-Country*.

The *Master-Builders* too, unanimously asserted the good Condition of all the *Timber* and *Plank* (whether *English* or *Forreign*) us'd on this Work, equal to the best they had ever known in the *Navy*: Besides the universality of the Practice of all the *Northern Nations*, and not them only, but the *Dutch*, *French*, and (for several years past) our own *Merchant Builders* too, in the use of this *Commodity*. Nor (in a word) did any one Ship appear, among the whole *Thirty*, more complaining, than some of them, upon which not one Foot of *Eastland-Plank* or *Timber* had been wrought.

All

All which notwithstanding ; such did these *Gentlemen* esteem the Weight of this *Cause*, with respect no less to the *fatality* on one hand attending the use of this *Commodity* upon these Ships, in case the same should be found truly *faulty* ; than on the other, to the consequences of the *Mistake*, should it indeed prove otherwise, at a season, wherein the *service* of it was become next to indispensable, for the present Repair of the *Fleet* ; That their *Commission* was no sooner opened, but a solemn *Conference* was held by them with all the Eminent *Master Builders* in the River of *Thames*, upon this *Subject*. The *Issue* of which having been presented to the *King*, he was pleas'd to make it so much a matter of *State*, as to command my bringing it some time after to the *Council-Table*. Of whose *Resolution* thereon, and the result of the foregoing *Conference*, I have subjoyn'd Copies, as of a *Matter* most worthy the Notice of every *English Gentleman*,
tho

Import-
ance of
a right
determin-
ation in
this mat-
ter.

A solemn
Confer-
ence with
the most
eminent
Mr. Ship-
wrights
of Eng-
land
about it.

Memoires touching

tho more particularly those, who are
conversant in the *Timber-Trade* of this
Kingdom.

RESOLUTIONS,

*Taken at a Conference held at the
Office of the Navy, April. 17.
1686. between His Majesty's Com-
missioners there, and us the un-
der-written Ship-wrights, upon
Enquiries then propos'd by the
Secretary of the Admiralty on
behalf of His Majesty, touching
the present Condition of this King-
dom, in reference to Plank for
Ship-Building.*

Enquiry I.

*How far it may be depended on, that
England may at this day supply it self
with a sufficiency of that Commodity,
for answering the Occasions both of the
Merchants and His Majesty's service
(in the State the Royal Navy thereof
now is) without Foreign Help?*

Reso-

Resolution.

That it is in no wise to be rely'd on. Forasmuch as from the want of *Plank* of our own Growth, and consequently the highness of Price of what we have; the Shipwrights of this Kingdom (even in our Out-Ports, as well as in the River of Thames) have been for many years past, driven to resort to supplies from Abroad¹, and are so at this day, to the Occasioning their spending of One Hundred Loads of *Forreign*, for every Twenty of *English*. Besides, were our own Stock more; the exclusion of *Forreign* Goods would soon render the Charge of Building insupportable, by raising the Price of the Commodity to double what it is, and more, at the pleasure of the Seller.

Enquiry II.

From whence is the best Forreign Plank understood to be brought?

¹ Aboard corr. S. P.

Reso-

Resolution.

*Best for-
reign
Plank
from
whence.*

Either out of the *East-Sea* from *Dantzick*, *Quinborow*, or *Riga* of the Growth of *Poland* and *Prussia*, or from *Hambrough*, namely, that sort thereof, which is Shipt from thence of the Growth of *Bohemia*, distinguished by its Colour, as being much more black than the other, and rendred so (as is said) by its long sobbing in the water, during its Passage thither.

Enquiry III.

What Proportion this Forrein Plank may be reckoned to bear to the English, with regard to its Use, Cost, and Durableness?

Resolution.

*The Use,
Cost, and
Durable-
ness of
forrein
Plank
compared
with
Englisb.*

For so much as concerns *smaller Vessels* of Fourscore Tuns downwards (whose works call not for more than 2 Inch Plank, of 20 Foot long at the highest, meeting at 13 and 14 Inches in breadth) our *Englisb* Plank will
(from

(from the Nature of the Wood) last longer than any *Forreign* of the same Dimensions. But for *Ships* of 300 *Tuns* upwards, which require the service of 3 and 4 Inch-Plank from 26 to 40 Foot long, meeting at 14 or 15 Inches breadth at the Top-end; *Universal* practice shews, that the *White Crown-Plank* of *Prussia*, and the fore-mentioned *Black* of *Bohemia*, do in their durableness equal or rather exceed that of Our *English* Production of like Dimensions.

Which we conceive to arise from this plain Reason, *viz.* That the *Forreign* Oak being of much quicker growth than ours, their Trees arrive at a Stature capable of yielding Plank of these Measures, while they are yet in their sound and vigorous State of growing; whereas that of *England* advancing in its Growth more slowly, arrives not at these Dimensions, till it be come to or rather is past the full of its *Strength*; fifty Years sufficing for raising the *Forreign*, to what the *Eng-*

Conjecture at the Physical reason of the different durableness of foreign and English Plank of the larger Dimensions.

English will not be brought in an hundred and fifty.

But whether we are right or not in this Reasoning, it is upon daily experience most evident; that our *East-India*, and other *Ships* of greatest *Burthen*, built with this large *Forreign* Plank, well chosen, prove in their *Durableness* without exception; variety of Instances lying before us, of *Ships* built wholly with *English* stuff, (as well in His *Majesties* Yards as *Merchants*) which have perish'd in half the time, others of like *Burthen*, compos'd wholly of *Forreign*, have been observ'd to do.

From hence also it is, that though *English Plank* of *Short Lengths*, cut out of young *Growing Timber*, is manifestly better than *East-Country*, and therefore is preferred thereto in laying of a *Gun-Deck*, as far as the three streaks next the *Ships* sides, where short stuff will serve (the *Quality* of its *Wood* bearing better with being kept *Wet* and *Dry*, as it generally is
in

in that place. Yet where (upon the same *Gun-deck*) *long Plank* is necessary, that of *Forreign* growth is for Strength and duration always preferr'd, from the reason (as we conceive) before given, namely, of its being cut while in its *Vigour*, which the *English* will not admit, so as to bear those *Scantlings*.

And to this is to be further added, the general *Waniness*, want of *Breadth* at the *Top-end*, and ill method of *Conversion* of our *English* Plank; daily practice shewing, that twenty Loads of *Forreign* shall in working go further upon a Ships side or Deck, than a hundred Loads of like Lengths of *English*, after its *Wanes* and other *Defects* shall be cut away.

Moreover it is yet to be noted, that in planking of a Ship with *Forreign* Plank, the Builder shall not be driven to put in above three or four Pieces, where in a like Ship done with *English*, he shall be obliged to use a hundred; to the no less impairment of the *Strength* of the Work, than

*General
waniness,
want of
Breadth
at the
Top end,
and ill
Conver-
sion of
English
Plank.*

*Encrease
of Work
and
Charge
arising
there-
from.*

Memoires touching

than increase of its *Charge*, both in Stuff and Labour.

*The Sum
of the
Ship-
wrights
Opinions
herein.*

So that upon the whole, our unanimous *Opinion* is ; that large *Plank*, well chosen, of the *Forreign* growths beforemention'd, is in its service at least as *durable*, in its cost less *Chargeable*, and the use of it (through the scarcity of *Englisb*) become at this day *indispensable*.

*Jonas Shish. Hen. Johnson.
Pet. Norberry. Abra. Greaves.
Jos. Lawrence. John Shish.
Ja. Yeames. Wil. Collins.
Rob. Castel.*

By the Commissioners of the NAVY.

*Concur-
rence of
the Com-
missioners
of the
Navy.*

We do fully concur in the *Resolutions* above-written.

*A. Deane.
J. Narbrough.
J. Berry.
Ph. Pet.
Wil. Hewer.
B. S. Michel.*

Rem=

Memorandum, That these *Resolutions* from the Body of the *Master Builders of England*, confirm'd by the *Commissioners of the Navy*, to my *Enquiries touching Foreign Plank*, were Communicated by me to His *Majesty* (my Lord *Treasurer* present) *October the 7th.* and by His special Command presented to Him again (with a Memorial attending it) at the *Council Table, Oct. 8th. 1686.*

Presentation thereof to the King and from him to the Council-Board.

S. PEPPS.

At the Court at Whitehall

Oct. 8. 1686.

PRESENT

The *Kings* most Excellent *Majesty.*

His R. H. Pr. *George of Denmark, &c.*

A Paper *having been this day (by his Majesties command) presented to the Board by Mr. Pepys Secretary of the Admiralty of England, containing certain Resolutions taken at a Conference held at the Office of the Navy the 17. of April*

Order of Council in approval and confirmation of the foregoing Report.

April last, between his Majesties Commissioners there, and the Body of the most eminent Ship-Builders of this Kingdom, upon Enquiries proposed to them by the said Secretary on behalf and by direction of his Majesty, touching the present condition of England in reference to Plank for Ship-building, and the said Paper being now read and solemnly consider'd; His Majesty was pleas'd to declare his being so far convinc'd there-from of the safety, benefit, and present necessity of making use of Plank of Foreign growth in the Building and Repairing of His Royal Navy, as to resolve; That the Principal Officers and Commissioners of his Navy be at liberty to contract for and make use in his Services aforesaid of Oaken Plank of Foreign growth, of the Sorts mention'd in the Resolution to the Second Enquiry contain'd in the said Paper; and to Order, that the said Original Paper under the Hands of the Commissioners of the Navy and Master Builders, be (for the publick Importance thereof) care-

*carefully laid up and preserv'd among the
Papers and Records of the Council-Table.*

John Nicholas.

The present *Effects* of which last *The true*
Papers and the *Observations* next pre- *Grounds*
ceding, amounting to nothing less *of the*
than a plain *Detection* of the *Vanity* *New-*
of those *suggestions* touching the Root *Ships De-*
of this *Calamity*; Nought remain'd *cays.*
whereon the same could with any
appearance of *Consequence* be charg'd,
save the plain *Omission* of the necessary
and ordinary *Cautions* us'd for the
preserving of *New-built Ships*. Divers *Want of*
of them appearing not to have been *Graving*
once *Grav'd* nor brought into *Dock,*
since they were Launched. Others *Graving*
that had been *Dockt,* sent out again *ing into*
in a *Condition* needing to be brought- *Dock.*
in a second time. Their *Holds* not

clean'd nor air'd, but (for want of *Holds not*
Gratings and opening their *Hatches* *clean'd*
and *Scuttles*) suffer'd to heat and *nor air'd.*
moulder, till I have with my own *Gratings*
Hands gather'd *Toad-stools* growing *wanting.*
in *opened.*

Not
heel'd or
broom'd.

Exposed
to the
Sun, with
their
Sides un-
watered.

Not Bal-
lasted
enough to
deepen
them in
the
Water.

Ports not
opened in
dry wea-
ther.

Scuppers
wanting
on the
Gun-
decks, in
wet.

Planks
not open-
ed upon
the first
discovery

in the most considerable of them, as big as my *Fists*. Some not once *heel'd* or *broom'd* since their building, but expos'd in hot weather to the *Sun*, broiling in their *Buttocks* and elsewhere, for want of cooling with *Water* (according to the Practice of our own, as well as all *Forreign Nations*) and that *Exposure* yet magnifi'd, by their want of *Ballast* for bringing them deep enough into the *Water*. *Port-Ropes* also wanting wherewith to open the *Ports*, for airing them in *Dry* weather; and *Scuppers* upon their *Gun-decks* in *Wet*, to prevent the sinking of *Rain* through their shrunk *Seams* into their *Holds* and among their *Timbers*. *Planks* not open'd upon the first Discovery of their *Decays*, nor *Pieces* put in, where defective; but instead thereof, repair'd only with *Caps of Board*¹ and *Canvas*. Which ought also to have been done upon the *Ordinary Estimate* of the *Navy*, that provides for every thing needful to the *Preservation* of Ships in *Harbour*,

but

¹ Boards corr. S. P.

but more especially for the Graving of their one *Third* of the whole every *Year*; whereas some (even of the *Old Ships*) ~~Decays~~ ^{nor those} ~~Decays~~ ^{Decays} appear not to have been so look'd ^{duely} after, in five or six. ^{looked to}

From which, and other like *Omissions*, it could not but fall out (as indeed it did) that some of these unfortunate *Ships* were already become rotten, while others built of the very *same Stuff*, at the *same Place*, by the *same Hand*, and within the very *same Time* for *Merchant-service*, suc(c)eeded well and continu'd so. ^{The effect of these Omissions observ'd.}

And with the *Navy* thus disorder'd, these *Gentlemen* (as I have said) enter'd ^{The Entry and} upon their *Commission*. And with what ^{procedure} Spirit and under what View they proceeded thereon, will be best Collected ^{of these} from their own *Annual Reports* thereof to the *King*, consonant (through the whole) to the few following Paragraphs, viz. ^{Commissioners.}

August 1687.

We tender in all humility to Your Ma-

^{1-1 repeated; corr. S. P.}

PEPYS

E

With Sincerity and plainness. Majesty our humble Representation of the Effects of that Commission, to which you were pleas'd to call us; and which we have endeavour'd to performe with a sincerity and plainness, answerable (as far as we are able) to the extraordinariness of that Favour, wherewith (without our expectation) we were called thereto——

Graving and ordinary Repairs. Whereas among other the Works of your Navy, that of Graving and well performing the Ordinary Repairs of your Ships in Harbour, holds a principal Place. As that, to the want of which, a great (if not the greatest) share of the Calamity whereinto they (and particular^(l)y the Thirty New Ones) have been suffer'd to fall, is most rightfully to be imputed; and has therefore the first place given¹ it by your Majesty in this proposition. We have most diligently apply'd our selves to an effectual answering every part thereof (both as to Works and payments) as far at least as the Defects of the said Ships, so long in Arrear, could within this time be discover'd and pursu'd——

The Decays long in arrear.

¹ giving; corr. S. P.

When

When it shall be consider'd, how deeply the Ships were infected with that evil, by which they were (even in their Thickest stuff) become rotten and reduc'd to powder. It seems a matter of too great presumption (without wholly stripping them) to undertake against any possible remains or returns of the said evil. But this we take Liberty to say——

And their infection too deep, for any undertaking of their cure without wholly stripping them.

And however more or less successful our Managements may be found to be in the well husbanding of your Treasure herein; We are not conscious of being able to mend it, were we to Act the same over again, and the Gain or Loss arising therefrom to affect our own Purfes, as they now do Your Majesty's.

Falkeland.	J. Godwin.
A. Deane.	Ph. Pett.
J. Narbrough.	W. Hewer.
J. Berry.	B. St. Michel.

August 1688.

Though we need no greater Assurance, than what Your Majesty has already on every Occasion given us, of Your Gracious

The
effects of
their Ser-
vice
greater,
had not
the Works
proved
worse
than esti-
mated.

Obstruc-
tions in-
dustri-
ously
offered
them and
whence.

The well
perform-
ance of
the
Works.

Opinion of our Humble Endeavours in this Your Service. Yet cannot we forbear observing to Your Majesty, that the Effects thereof might have prov'd greater (though our Industry could not) had not the State of Your Ships prov'd much worse, and by consequence the Work and Charge of them weightier, than they were Estimated in the Surveys and Calculations, upon which that Proposition was founded, and the Execution of it committed to us; besides the difficulties we have had to contend with, from Obstructions and Hardships industriously put upon us (both from Sea and Shore) by those to whom our Methods of Good Husbandry and Dispatch proved less grateful, than the Laxeness in both, to which they had for some time been accustom'd—

As to the complete Performance of these Works, as far as Matters of this kind can be judg'd of, and in a Case so extraordinary as that of the State whereinto Your Royal Navy was fallen at the time of your calling us to the remedying it; We have not only our own Observations,

tions, and the ampleness of those our Evidenc-
 Orders by which the said Works were ed by their
 directed to be performed; but the Reports own Ob-
 of your Master-Builders charg'd with servati-
 the conducting them, confirm'd by your The
 Commissioners of the Yards where they ampleness
 were severally perform'd. Beyond which of their
 we cannot conceive any thing capable of Orders.
 being added towards the satisfying either The Re-
 Your Majesty, or our selves therein. And ports of
 though we do not believe so much to have the Mr.
 been ever before shewn in the Case of Builders,
 a like Fleet. Yet, regard being had to and Yard-
 what Experience dayly informs us, of Commis-
 the Defects discover'd upon ransacking sioners.
 of their Seams by the Caulkers, we dare And yet
 not mislead your Majesty to think, that not to be
 (after so general and deep a Decay, as relyed on
 this Fleet was fallen into, before any against
 fitting Application was made for its the possi-
 Remedy) all the Care that has been ble Re-
 taken in the shifting of its Timbers turns or
 and Plank (as far as any Defects have Remains
 appear'd) can upon fresh Ransacking, of this
 secure your Majesty against the appearance Evil.
 of further Remains, till the first Materials
 about

about the Breadths and adjacent Parts (especially of the New Ships) shall by degrees be entirely remov'd—

The Ships yet to be finished for compleating the Proposition.

It rests to give Your Majesty the Names of your Ships under present Repair, and those remaining to be repair'd when they shall be finish'd for compleating your whole Navy, according to Mr. Pepys's Proposition, Vix.

Ships under Repair.		Remaining to be Repair'd.	
Ships,	Yard.	Ships,	Yard.
St. Michael	Chath.	Prince	Chath.
Roy. Katherine		Victory	
Brittannia		Royal Oak	
St. George	Portsm.	King-Fisher	Deptf.
Monck			
Happy Return	Woolw.		
Oxford			
Portland	Deptf.		
Phoenix			

Falkeland.

A. Deane.

J. Berry.

B. S. Michel.

Ph. Pett.

W. Booth.

W. Hewer.

This

This while in doing, towards the *Discipline to be re-*
 Amendment of matters on *Shore*, and covered
 the *State* of the *Ships* in *Harbour*; no and *Dis-*
 less thoughtfulness was at work for orders re-
 the *Recovery* of good *Discipline* and formed at
Reformation of *Disorders* at *Sea*. And *Sea*.
 this pursu'd, to the drawing a no *And not*
 inconsiderable *Encrease* of standing without
Charge upon the *Crown*, the more surely charge
 to effect his Majesties desires herein, to the
 with the *satisfaction* of his *Commanders* for the
 and other his *Officers* and *Seamen* inter- better
 ested in the same. The evidencing satisfac-
 of which will not need more than tion of
 one of fundry instances to be produc'd *Comman-*
 of it, namely, that of the *Establishment* ders, &c.
 in *July* 1686. (of near *Date* with the *Instanced*
 foregoing *Commission*) the Tenor where- in the
 of follows. *Establish-*
ment
about

His Majesties Regulation in the business
of Plate-Carriage, &c. with his Estab-
lishment of an Allowance to his Sea-
Commanders for their Tables and
other Encouragements to them, their
Officers, and Companies.

James

James R.

Disorders
in the
Navy en-
quired
into, by
the King.
Particu-
larly the
diverting
the pub-
lick ser-
vice of
his Ships
to private
uses.

 'W Hereas from the *Enquiries* by
 us solemnly made (since our
 accession to the *Throne* of this our
 Kingdom of *England*) into the ¹ *State*
 of our *Royal Navy*, and the general
 Disorders into which both it and its
 Discipline have of late years fallen,
 we are (among the many other *Evils*
 discovered therein, and which we
 have already in great measure pro-
 vided *Remedies* to) arrived at a full
 Information in that particular one,
 whereto our Service is in a most
 especial manner exposed, from the
 liberty taken by *Commanders* of our
 Ships (upon all opportunities of pri-
 vate profit) of converting the Service
 of our said Ships to their own use,
 and the total neglect of the *Publick*
Ends for which they, at our great
 Charge, are set forth and maintained,
 namely, the annoying of our *Enemies*,
 the protecting the Estates of our
Trading-Subjects, and the support of

OUR

¹ the repeated in ed. 3 corr. S. P.

our honour with *Forreign Princes*. And forasmuch also as this *Evil* seems principally to arise from the universal abuse of the liberty for some time indulged to Our said *Commanders*, of Transporting of *Plate, Bullion, and Jewels*; to the occasioning thereby the said General mis-employment of our *Ships*, and our want of those full and frequent *Accounts* of the *Proceedings* of our *Commanders* abroad, which by their known *Instructions* they stand obliged to give us. Our *Will* and *pleasure* is, and it is hereby solemnly declared.

‘I. That no *Admiral, Commander in Chief, Captain* of any of our *Ships*, or other *Officers* serving us therein, shall presume from henceforward upon any pretence, or by vertue of any former Allowance, Instruction, or Practice whatsoever, to receive direct, or permit to be received, on board any of our said *Ships*, any *Money, Plate, Bullion, Jewels*, or other *Merchandize* or *Goods* (fine or gross) whatsoever, whether be-

Arising from the abused liberty of carrying Plate, &c.

Plate carriage, &c. restrained.

belonging to Strangers or our own Subjects, either under pretext of concealing or protecting the same, or the Transporting thereof from Port to Port, or from any Forreign Port for *England*, whether upon *Application* to them made by any our *Merchant-Subjects* in Forreign parts, or from any other inducement whatsoever, saving by Written Warrant under our own *Royal* hand, and that only; upon pain of being (on conviction) immediately discharged from their present, and rendred incapable of any future Employment in our Service; as also of refunding to the use of our *maimed* Seamen of the *Chest* at *Chatham*, the full value of the profits they shall be found to have made by any violation of this our Order, and of suffering such further punishment, as by the *Laws* of the *Sea*, they shall become liable to for the same.

‘II. That none of our aforefaid *General Officers* or private *Commanders* shall

shall, (upon like forfeiture and penalties) presume to carry, or direct the carrying any *Passenger* or *Passengers* (whether strangers or others) of what Degree or Quality soever, from one place to another, in any of our *Ships* of *War* under their Command, unless by like particular Order given in Writing from our self for their so doing; such only excepted, as by the Eleventh Article of our present General *Instructions* they are obliged to receive and give passage to; namely, our *Subjects* redeemed from *Slavery*, *Shipwreckt*, or taken at Sea out of *Foreign* Ships.

The like as to carrying of Passengers.

With Exceptions.

‘III. That all *Admirals* and *Commanders in Chief* of Our Ships do for the time to come take care, that as often as they shall have occasion of giving *Orders* for the proceeding of any of Our *Ships* under their Command on any Service, the same be done in Writing under their hands, with *Copies* thereof to be sent by the first

Copies of all Sailing Orders issued or received at Sea to be transmitted to the Secretary of the Admiralty.

first opportunities of conveyance (by Land and Sea) to the *Secretary* of our *Admiralty* for our information. And that the same be in like manner done by the *Commanders* of every of our *private* Ships, in Transmitting to our said *Secretary* for our like Information, *Copies* of every *Order* they shall receive from their Admiral, Commander in chief, or other Superiour Officer.

*The like
as to Ad-
vices of
the Kings
Ships com-
ing into
forreign
Ports,
and Ab-
stracts of
their
Journals.*

‘IV. That every of our fore-mentioned *Officers* and *Commanders* respectively, do observe, that as often as our Service requires their going into any *Forreign Port*, they do by the first *Post* after their arrival, (and so from *Post* to *Post* during their stay there) give us (through the hand of our said *Secretary*) a particular Account of their *Proceedings*, from the date of their last, with *Abstracts* of their *Journals* during that time; and that care be taken for their leaving the like with our *Consul* or other publick *Minister* in that Place, to be by him for-

forwarded to our said *Secretary*, by the first Conveyance after their departure thence; so as we may at all times have a constant and thorough knowledge of the *Condition, Services, and Proceedings* of all and every of our *Ships* employed on Forreign Service, with the occasions of the same.

Lastly, That at the end of each Voyage, an entire *Book* containing a perfect *Journal* thereof, together with a *Book* of *Entries* to be kept of all *Orders*, either issued or received (as before) by them therein, be delivered for our use to our said *Secretary* of the *Admiralty* (and sworn to if required) by every of our said *Admirals, Commanders in Chief, and private Commanders*, immediately upon their coming into Port to be laid up, and before the paying off of the *Ships* whereto they respectively belong. Both which *Books* our said *Secretary* is to cause to be well examined by himself, or such other Person as shall be expressly appointed thereto,

*The like
at the
end of the
Voyage,
as to their
Journals,
and En-
try-Books
of Orders.*

thereto, in order to a *Report* to be therefrom made to us, of the different Degrees of *care* or *neglect* wherewith these and all other our *Orders* shall appear to have been observed, and our receiving full satisfaction from them therein, before the payment of their *Wages*, or the further *Allowance* hereafter appointed in consideration of their good Service during their said *Voyage*.

Univer-
sal Ob-
servance
of these
Rules in-
joyn'd.

‘Of all which as well every our said *Admirals*, *Commanders* in *Chief*, private *Commanders* of our *Ships*, and other the *Officers* within mentioned, as our present *Secretary* of our *Admiralty*, and the *Secretary* of our *Admiralty* for the time being, are hereby required to yield full and constant obedience and conformity, as they will answer the contrary at their perils.

And en-
couraged
by the
Establisb-
ment of
an extra-

And to the end, that with the Provision thus made towards the recovery and advancement of the *Honour*, *Discipline*, and *Prosperity* of our *Naval-Service*,

Service, We may at the same time Testifie our like *Royal* Inclination to the giving all reasonable *Encouragement* to those, who shall from henceforward be employed as *Commanders* in any of our *Ships*; thereby as well to excite and oblige them to a strict compliance with these and all other our *Royal* Resolutions and Orders, as the better to enable them to support the *Charge* and *Dignity* of their said *Employments* and *Entertainment* therein, without resorting to *Methods* of doing it so injurious to our *Honour* and *Service*, and wasteful of our *Treasure*, as those before-mentioned have been.

ordinary
allow-
ance to
Com-
manders
for sup-
port of
their
Tables.

‘ We are in the first place graciously pleased (in favour to our said *Commanders*) to take upon our self an encrease of *Charge*, beyond what has ever hitherto been at any one time done by any of our *Royal* Predecessors, namely, by granting (as we hereby do) to the *Commanders* of every of our *Ships* and *Vessels* (*Yachts* only excepted) an annual *Allowance* (over and
above

above the value of the *Victualling* they now enjoy in common with their Ship's Companies) for the support of their *Tables*, proportioned to the respective Rates of the Ships and Vessels they shall happen severally to Command.

This Allowance to begin, when.

The said *Allowance* to commence upon those of our Ships which are now fitting forth, and shall at any time hereafter be fitted forth to the *Seas*, from the Date and Delivery of their Commanders and Signing Officers joyn't *Certificates* to the *Secretary* of our *Admiralty*, and *Commissioners* of our Navy, of their Ships being compleatly fitted for the Sea, and in readines to Execute our final Orders for their Sailing. And upon such of our *Ships* as are at this present abroad; from the day of their Commanders receiving from our said *Secretary* (which he is with all convenient speed to dispatch to them) Copies of this our Order; and to be continued both on the one and the other to the Determination of their respective *Voyages*.

'The

‘The value of which allowance hereby so granted is as follows.

<i>A Table of the Annual Allowance of a Sea-Commander of each Rate.</i>				
Rate	Present Wa- ges.			Present Vi- ctualling.
	£	s.	d.	£ s. d.
1	273	15	0	12 3 4
2	219	00	0	12 3 4
3	182	00	0	12 3 4
4	136	10	0	12 3 4
5	109	10	0	12 3 4
6	91	00	0	12 3 4
	Additional Grant for his Table.			£ s. d.
	250	0	0	
	200	0	0	
	166	5	0	
	124	5	0	
	100	0	0	
	83	0	0	

*The value
of that
allow-
ance.*

‘Wherein our *Royal Intention* is, that this *allowance* for *Tables* granted to our said *Commanders* as Captains of Private Ships, shall not be construed to the taking away or diminishing ought of what has been heretofore Established to *Flag-Officers*, upon Account of their *Flags*.

*Without
lessening
the al-
lowance
already
estab-
lished to
Flags.¹*

‘And that we may yet the more effectually excite to a vigorous profe-

¹ *Flags*] *Flags* in ed. corr. S. P.

A further Grant, to them, their Officers, and Companies, of the whole value of the Prizes taken from the People of Barbary. cution of our *Service*, such of our said *Commanders* as shall be by us employed in our Wars with any of the people of *Barbary*, (such as that wherein we now are, and have, to the great Expence of our *Treasure* and hazard to our *Subjects* Trading into those Seas, for several years been engaged with those of *Sally*) we are graciously pleas'd farther to grant to such our *Commanders*, the full benefit of all Prizes, (both *Hulls*, *Furniture*, *Lading* and *Slaves*) that shall be by them taken, whether of *Ships of War*, or *Merchant Men*; saving only the Vessels of our *Subjects* happening to have fallen into the hands of such our *Enemies*. In which case, the *Salvage* only of the Vessels of our Subjects so rescued, shall go to the *Retakers*.

'The whole of which forementioned *Prizes* and *Salvage* shall be divided between the *Commander* or *Commanders*, of such our Ship or Ships (with their *Officers* and *Companies*) as were concerned

cerned in the Chase and Capture of the said Prizes, according to the *Law* and *practice* of the *Sea*.

‘ Provided always, that no part of the *Charge* of securing or maintaining any of the Vessels, Lading, or Companies of the said *Prizes*, shall be placed to our Account, from the day wherein the same shall be first brought into any *Christian* Port; and that the said *Prizes* be carried into Port, with as little Charge as may be to us, and without any interruption to the *service* wherein our said Ships were employed at the time of the *Capture*. *Condi-
tions of
this Al-
lowance.*

‘ Lastly, we are hereby graciously pleased further to declare to all our said *Admirals, Commanders in chief*, and private *Commanders*, that as our *Royal* Expectation will from henceforward be, to have a strict *Account* given us of their careful applying themselves to the Execution and Observance of these and all other our *Orders*, with intention of expressing our severest *Displeasure* against such of them (who- *Strictness
of Disci-
pline in-
culcated,
with pro-
mise of
yet more
particu-
lar marks
of the
Kings
bounty
upon any
signal in-
stances*

of their
merits in
his Ser-
vice.

ever they be) as shall be found in any wise negligent or unfaithful in the same. So are we no less graciously determined at the *End* of their respective *Voyages*, to Testifie by some especial Instance of our *Bounty* (beyond what is hereby already so *Extraordinarily* provided for them) our particular Regard to whoever of our said *Commanders* shall appear to have merited the same from us, by any signal Instances of their *Industry*, *Courage*, *Conduct* or *Frugality* evidenced therein on our behalf. Given at our Court at *Windfor* this 15th. day of *July* 1686.

By his Majesties Command.

S. PEPYS.

Return to
the Ships.

Which Act having been here observed, out of the *Respect* no less due to the *Care* at the same time taken for the *Re-establishment* of good *Governance* upon his Majesties Ships abroad, than the *Repair* and *Preservation* of those in *Port*; the Order of these *Notes* calls for my Return to the
Works

Works in doing upon the latter,
and my observing thereon, as follows,
Viz.

That the *satisfaction* his Majesty was *The*
pleas'd to conceive from the fore- *Kings*
mentioned *Progreſs* of these *Works*, *satisfac-*
confirm'd by his own frequent *Visits*, *tion in*
and *Personal Inspections* thereinto at *the works*
the *Yards*, was such, as mov'd him (*six* *done*
Months within the time allow'd for *thereon.*
it by the *Proposition*) to think them *From his*
so far advanc'd, as not to need his *personal*
any longer continuing the *Suspension* *Visits to*
he had for their sakes laid (as before) *the Yards,*
upon the *Ordinary Methods* of his *&c.*
Navy. And therefore by his great
Seal of the 12th. of *Octob.* 1688. (after *Octob.*
having declar'd his Gracious *Acceptance* *12. 1688.*
and *Approval* of the Services of these *The Exe-*
his *Commissioners*, in the full Execution *cution of*
of the *Proposition*, and their having *the Com-*
brought all matters intrusted to them, *mission*
into such a *Method*, as that his *Officers* *approved*
might now perform them, more to *and con-*
his *Service*, than formerly they could)
He was pleas'd to determine the *Com-*
mission,

He determines the Commission and recalls the Old Officers. mission, and recal his said *Officers* to their ancient *Duties*, according to the known *Instructions* already in force, and the *Improvements* made therein by these *Gentlemen*; inculcating to them his former *Directions* for the finishing of their *Accounts*. Among which was in particular that of the *Thirty New Ships*, whereof (but for the *Revolution* immediately following in the *State*) a strict *Account* had been soon call'd for, and insisted on by the *King*; as being now (from the through knowledge since attained concerning them) in a condition of being regularly and effectually controll'd.

Reminding them of their Old Accounts.

Effects of this Commission

And so expir'd this *Commission*; and with what *Effects*, in reference to that diversity of *Services* for which it was Calculated, and (above all) that one of the general Redemption of the *Fleet* of *England* from Ruin, will be best understood, by looking back to the *State* thereof just before its opening in *January 1682*, compar'd with what it was left in at this its *Determination*

In the state it then left the Navy in.

mination in October 1688. Which latter follows, *Viz.*

I. The *Fleet* then at *Sea* had (from *Fleet at Sea, Oct. 1688.* its ordinary *Summer-Guard*) been rais'd in less than two Months (upon intelligence of the surprizing Preparations *rais'd upon short warning.* then on foot in *Holland*) to no less than *sixty seven* of the *King's* own *Ships of War*, and *Fire-Ships* (besides *Tenders, Yachts*, and other small *Imbarcations*) of the Rates following.

Abstract of the Fleet at Sea at the close of the Commission of the Navy, October 1688.

Man'd with above 12000 Men.

	Nº.	Men.
Rates—	3d. ——— 12 ———	4715
	4 ——— 28 ———	6318
	5 ——— 2 ———	220
	6 ——— 5 ———	370
Fire-Ships	———— 20 ———	680
<hr/>		<hr/>
Total—	67 ———	12303

II. All

*Ships in
Harbour
how re-
pair'd.*

II. All but *Three* of the whole remaining *Number* (contain'd in the *Proposition*) entirely repair'd, or actually under Repair; with a surplufage of *six Months* Time, and a fufficiency of *Mony* and *Materials* refting in *Bank* and *Magazine* for completing that *Remainder*.

*Works
how per-
form'd.*

*Shewn by
the excefs
of Charge
expended
thereon.*

III. The *well-performance* of which *Works* (both for *Extent* and *Substantial-
nefs*) had for its firft *Evidence*, the *Sum* expended thereon, to more by two *Thirds* than the higheft *Value* the *Surveyor* of the *Navy*, and his *Fellow-
Officers* had *Estimated*, and the *Propo-
sition* (grounded on thofe *Estimates*) *Calculated* the fame at; divers of them (to above *Thirty*) having been entirely *Rebuilt*, and fome taken up *Hundreds*, others *Thousands* of *Pounds* in their *Refitting*, that had but few *Months* before (without ever going out of *Harbour*) been represented by the faid *Officers* to have received from them a *full Repair*.

To which *Proof*, arifing from the
Extra-

Extraordinariness of the Sum spent upon them, succeeds that other *Ordinary* one of the *Reports* of the *Master Builders* and their *Assistants*, employ'd in the Direction, and immediate Supervi-
And by the Re-ports of the Kings Master Builders and As-sistants.
 fure thereof. The Names of whom follow.

A List of all his *Majesties* Master *Shipwrights* and their *Assistants* serving him in his several *Yards* between *April 1686.* and *October 1688.*

Wherein Note † signifies Dead and
 * Preferred.

Yards.	Mr. Shipwrights.	Assistants.
<i>Chatb.</i>	Mr. Robert Lee	{ * Dan. Furzer Edw. Dummer Phineas Pett Wm. Stiggant * Filsb. Harding Zach. Medbury
<i>Portf.</i>	Mr. Isaac Betts.	
<i>Dept.</i>	{ † Mr. John Skisb }	
	{ Mr. Filsb. Harding }	
<i>Woolw.</i>	{ † Mr. Tho. Skisb }	
	{ Mr. Jos. Lawrence }	
<i>Sbeern.</i>	{ * Mr. J. Lawrence }	
	{ Mr. Dan. Furzer }	

Persons

*Ad-
vanc'd
for their
abilities
under K.
Charles.*

*And em-
ploy'd
Origin-
ally in
surveying
the Fleets
Decays,
and now
in their
Repairs.*

*Whereof
being the
only pos-
sible
judges,
they alone
by Duty
and Prac-
tice stand
account-
able for
them.*

Persons, who (besides their having long before the *Date* of this *Commission*, or any occasion fore-seen for it, been from the Credit of their *Abilities* advanc'd to these Charges in the time of *K. Charles*) had not only been all of them employ'd by the *Navy-Officers* themselves in taking the very *Surveys* upon which the *Estimates* of the Fleet's Decays were Calculated, and thereby rendred themselves the most concern'd to justify the same by suitable Performances thereof, both as to Charge and efficacy; but the **P**ersons upon whose *Testimonies*, and theirs only, in right and virtue of their *Places*, under the *Inspection* of the *Surveyor* of the Navy and *Commissioners* of the Yards (among whom in particular he at *Chatham* was at this time, for the importance of the Works there, one of the first Form of the *Master Builders* of *England*) the Crown always *has*, now *does*, and *for ever must* depend for its security in this *Matter*; as being (in a word) the **P**ersons, who by the
Prac-

Practice of the Navy stand alone charg'd with, by their *Personal* services can alone be knowing Judges of, and by the standing *Obligations* of their *Places* do therefore alone rest accountable, and (as such) are only to be resorted to by the Crown for its satisfaction, in this *Particular*.

IV. Not only the fix requir'd by the *Proposition*, but a compleat *Proportion* of eight Months *Sea-Stores* were actually provided and left by these *Gentlemen* in *Magazine* (each within its Distinct and proper *Repository*) for every Ship so repaired; with the like in Materials and Mony for the whole *Remainder*, as fast as finish'd.

Every repaired Ship furnish'd with 8 Months Sea Stores.

And not only so; but in consideration of the different and uncertain *Measures* by which *Boatswains* and *Carpenters* of *Ships* had been heretofore supply'd (sometimes too sparingly with regard to the Kings Service, other whiles too largely with respect to his Purse) they made it their Work (upon best Information) to digest and see

The uncertain Measures thereof adjusted, ascertain'd, and enlarg'd.

con-

confirm'd by his *Majesty*, one uniform *Etablissement* of *Sea-Stores* for an Officer of each Rate; and that so ample a one, as to be thought sufficient for answering (upon occasion) a yet longer *Expence* than what it was strictly Calculated for. So as (to give it in *their* own Terms to the *King* (*We hope your Majesty will from henceforward bear no more of the many Evils attending the former Practice. Especially; if the Good Husbandry of Your Commanders shall bear any Proportion to that Mark of Bounty, which by your Late Establishment you have been pleas'd to grant for their Encouragement thereto.*

Besides which Sea-stores to each Ship, a general Magazine is¹ left, valued together at near 400000l. And yet to this so enlarged a Proportion of *Stores* set apart for every particular Ship (and amounting, with them at Sea, to above two hundred and fourscore Thousand pounds) they still added (beyond all *Example*) and left entirely in *Magazine*, such a further *Reserve* for answering the general Service of the *Navy*, as amounted in eight only *Species* thereof, to above

¹ is add. S. P.

one hundred thousand pounds more ; *Commodities* all of greatest importance and least to be depended-upon from the *Market*, as being (save one) all of *Forreign Growth*, viz.

<i>Hemp.</i>	<i>Canvas.</i>
<i>Pitch.</i>	<i>Iron.</i>
<i>Tar.</i>	<i>Oyle.</i>
<i>Rosin.</i>	<i>Wood.</i>

V. And for the safer keeping and more orderly disposing of this last-mentioned *Treasure*, by preventing the *Wastes*, *Corruption*, *Imbezlements*, and other the manifold mischiefs attending the want of proper and sufficient *Store-Room*, occasion'd by the constant *Growth* of the *Naval Action* of *England*, without suitable enlargements to its other *Accommodations*; More new *Magazines* have (both as to *Dimensions*, *Contents*, and *Charge*) been erected within the two years and a half of this *Commission*, than had ever been before, by all the *Kings* of *England* put together.

VI. Nor

A suitable improvement of the Docks, and not less wanting.

VI. Nor are the foremention'd *Advances* in these works less owing to the *industry* successfully exercised in the improvement of our *Docks*, than in that of the *Magazines*, by bettering the *Old*, and finishing the *New*; to the raising them to the *State* they are now left in, Superiour to all that the *Navy of England* ever before knew. And yet not more than its present Occasions call'd for, as not having permitted any one of them to lye unemploy'd two *Tides* together (while in condition for it) within the whole time.

Ships come home, repair'd and stored, though not of the Proposition.

VII. *Four and Twenty of Seven and Twenty* of his Majesty's *Ships and Vessels*, come in from *Sea* during this *Commission*, and therefore (as being then abroad) not provided for in the *Proposition*, have been also fully *repair'd* or left actually under *Repair*, furnish'd with like proportion of *Sea-Stores* (as before) without a Penny supply'd out of the Exchequer towards it.

And

And in the doing this, that most important (and till now unheard of) *Article at the Close of the Proposition, relating to the future maintenance of his Majesties Fleets at Sea in their whole Wear and Tear, at no higher charge than that of 22 s. per Man a Month, has been also made good; and, in that single performance, a Foundation laid of saving to the Crown for ever, not only the whole first Cost of what-ever Ships it shall have occasion of building in lieu of others become irre-pairable; but twenty six per Cent in the Charge of all succeeding Repairs and Expençe in their Stores and Furniture.*

And this within the Rate in the Proposi-tion of 22 s. for Wear and Tear.

Saving for ever the whole first Cost of New-building, and 26 per Cent in all suc-ceeding Charges

VIII. Every other Head of the *Proposition* strictly comply'd with, the Building of two small *Frigats* only excepted, which by expresse Command of the *King* were respited (and the Value of them therefore left uncall'd-for out of the *Treasury*) till the weightier Works of his great *Ships* would allow *Room and Leasure* for their being built in his own Yards.

upon the Bodies of the Ships. Nothing undone of the Propo-sition, but two of the small Frigats respited by Order.

IX. Not

Not a Penny of Debt unsatisfy'd, where the Party was at hand qualify'd to receive it. IX. Not a Penny left unpaid to any Officer, Seaman, Workman, Artificer or Merchant, for any Service done in, or Commodity deliver'd to the use of the Navy, either at Sea or on Shore, within the whole time of this Commission, where the Party claiming the same was in the way to receive it, and had (if an Accountant) done his part, as such, towards the entitling himself to Payment.

Even in which Case too, a sufficiency of Cash was left in Bank upon the Fond of this Commission, for clearing that Debt, as fast as by the Coming in of Ships, and adjustment of Accounts, the same could be brought into a Capacity and Right of being paid.

The Proposition perform'd and Navy re-deem'd, at what Charge. X. Lastly, The whole of this Proposition was thus made good, and therewith the Navy of England redeem'd from perishing, at a Charge not only not exceeding the 400000 l. per Ann. allotted for it by the King, and consequently not more than what the Navy appear'd (as before) to have been

been supply'd with all the time of its being so abandon'd to *Ruine*, but even for less than 310000 l. *per Annum*; as the same stands verify'd by the *Accounts* thereof in the *Registry* of the *Navy*, and those *Accounts* (both as to Truth and Perspicuity (so digested, justify'd, and (after the Close of each year) presented to the *King* and his *Treasurers*, answering in every respect the Scope of the *Proposition*, by distinct Reckonings exhibited therein of every *Species* and parcel of *Goods* bought and spent, *Artificer* and *Workman* employ'd, *Penny* laid out, and *Service* perform'd (with the Difference or Agreement in the Charge of every such *Service* with its proper *Estimate*) as does not appear to have ever before been seen in the *Navy* of *England*, but (through the single *Industry* and peculiar *Conduct* of Mr. *Hewer*) is now remaining there, to shew *Posterity*, that there is nothing in the *Nature*, *Bulk*, or *Diversity* of Matters incident to the business of a *Navy* (even under the

*Verify'd
by the
Accounts
thereof.*

circumstances of *this*) to justify the so-long-admitted Pretence of an *Irreducibleness* of its *Accounts*, to a degree of *Order* and *Self-Evidence* equal to the most strict of any private Merchant.

*General
State of
the Ac-
count
upon this
Proposi-
tion, &c.*

The general *State* of which *Accounts* in the Case of the present *Proposition*, and the *Works* attending it (as the same arises from the *subordinate Accounts* relative thereto) follows.

Which

Which State of Accounts being (as it ought) admitted, in right to its Vouchers now resting (as from the very Close of this Commission they have done) in the hands of the so often-mentioned Officers of the Navy, who (after what has been here said) cannot but be esteem'd in Honour the most concern'd, as well as by Duty the most oblig'd, to see the same fully controll'd; these (among other Particulars no less considerable) offer themselves to Observation, viz.

The Officers of the Navy possessed of the Vouchers of this Account, and most concerned to see it controlled.

1. That the 307000 l. the Ballance of this Account, is the Product of these Gentlemens Management; as being so much saved of what might unexceptionably have been expended by them, out of the 400000 l. Fond assigned to the use of this Proposition.

Observables from this Account. 307000l. saved upon the Proposition.

2. That among the several other immediate and important Fruits of this Saving, this is one; namely, the obtaining such an Enlargement of Magazines, and the amassing therein such a Treasure of Stores, as England was never before Mistress of, nor

Fruits of this Saving.

could now have had its *Navy* longer supported without.

*Charge
of this
Manage-
ment com-
pared
with the
last.*

3. *Lastly*, That this and all the above-mentioned *Advantages* have been effected at no other *Cost*, than the bare *Wages* of the few His *Majesty* was pleas'd to call to this his Service, arising together to little more than 6000 *l.* While (had the *Work* been transacted by *Contract*) the whole of that 307000 *l.* *Ballance* must incontestably have been the *Reward* of the *Undertakers*; and the *Bargain* nevertheless not reckon'd any unthrifty one to the *Publick*, when it should be consider'd, that the Execution of this *Proposition* (with the many *Benefits* attending it) within less than three years, would (even with that *Sum* included) have barely amounted to *One Million*; while five entire years were lost, and the *Navy* all that time left under little less than a total *Desertion*, at the Expence (as before) of full *Two*. And of that also (without offence be it observ'd) near *Five and thirty thousand Pounds* taken
up

up in *Wages* only, to a *Commission* of the *Admiralty*, during that very Management; While this appears exempt of the *Charge* of any such *Commission*, or ought else extraordinary to the value of a *Shilling*, beyond the Simple *Wages* of a worn unassisted SECRETARY.

And yet with such *Effect* too; that from the *Condition* the Navy was (by its own Officers) reported in, at His Majesty's Resuming it in 1684, when the *Gross* of its *Ships* were wholly out of *Repair*, and the best of them ready to *sink* in *Harbour*, with little appearance of its having by this time had any one of them in a *State* of *Service*; it has the present *Reputation* (1690) of having *actually* at *Sea* of its own *Ships* of *War* and *Fire-ships* (exclusive of *Merchant-men* and *Forreigners*) a *Force* equal at least, or rather superior, to the most *powerful* it ever at any one time had, in the most *active* year of a *Hollands-War*. And (which is more) the *Residue* (as to their *Hulls* and *Stores*) in a ready *State* of following them, if (as I am not to doubt) the
same

*And the
different
Effects
thereof.*

fame *wholeſom Methods* have been ſince exercis'd towards them, with thoſe they were brought-by into the *Condition* this *Commiſſion* left them in, upon the 12th of *October*, 1688.

The State of the Fleet in October 1688. carried on to the Day of the King's withdrawing himſelf in December. Which leading me back to the fore-mentioned *State* of this *Affair* in *October*; little reſts for the carrying it on to that *ſignal Day*, that puts a natural *Bound* to the *ſubject* of theſe *Notes*, I mean the *Day* of my late *Royal* (but moſt unhappy) *Maſter's* Retiring in *December*; As having received little other *Alteration* within that time, than what aroſe from a ſmall *Addition* to the *Fleet* under the Lord *Dartmouth*, and the coming home of ſome few others from *Forreign Service*; rendering the *whole* then abroad, as follows,

Abstract of the Ships of War and Fire-Ships in Sea-Pay upon the 18th of December, 1688.

Manned with above 14600 Men.

Rate

	Ships			Men.
	At Sea.	Going out.	Total	
<i>Rate</i> ——— { 3d	10	5	15	6080
4	29	2	31	7015
5	2	0	2	220
6	4	0	4	295
<i>Fire-Ships</i> ———	22	4	26	965
<i>Bomber</i> ———	1	0	1	75
<i>Total</i> ———	68	11	79	14650

Ships at Sea in December 1688.

The *Import* of which *Fleet*, at a *Crisis* so eminent, as this is likely to appear in the future *Annals* of *England* (when it shall be remembred what passed, besides it, upon the *British-Seas* between the two last-cited Periods of *October* and *December*) seeming to require some more distinct *Report* of it, than what is to be gathered from the foregoing *Abstracts*; I subjoyn a *List*, specifying the *Rate*, *Name*, *Officers*, *Complement* of *Men* and *Station* of every Ship and Vessel of His Majesty's then in *Sea-Service*, viz.

The same Reported more particularly, for the sake of what occurr'd in our Seas within that Interval.

A

A General List of all His Majesty's
Pay, upon the 18th of December, 1688.
Lieutenants, Complements of Men, and

Rates	Ships	Commanders
3d	<i>Resolution</i> ———	{ L. Dartmouth Ad. C. Davis———
3	<i>Elizabeth</i> ———	{ S. J. Berry V. Ad. C. Nevill———
3	<i>Cambridge</i> ———	C. Tyrwhit———
3	<i>Defiance</i> ———	C. Ashby———
3	<i>Dreadnought</i> ———	C. Akarman———
3	<i>Henrietta</i> ———	C. Trevanion———
3	<i>Mary</i> ———	C. Layton———
3	<i>Pendennis</i> ———	Sir Will. Booth———
3	<i>Plymouth</i> ———	C. Carter———
3	<i>Tork</i> ———	C. Delavall———
4th	<i>Advice</i> ———	C. Williams———
4	<i>Albans Saint</i> ———	C. Constable———
4	<i>Anthelope</i> ———	C. Ridley———

Ships and Vessels in Sea-Service and with their respective Rates, Commanders, Stations.

89

Lieutenants	Men	Station
(<i>Millison</i> ——)	450	} Channel
(<i>Preene</i> ——)		
(<i>Gother</i> ——)	475	
(<i>Crawley</i> ——)		
(<i>Wright</i> ——)	420	
(<i>Bois</i> ——)		
(<i>Bing</i> ——)	390	
(<i>Littleton</i> ——)		
(<i>Bounty</i> ——)	355	
(<i>Tyrwhit</i> ——)		
(<i>Gardner</i> ——)	355	
(<i>Dilks</i> ——)		
(<i>Townesend</i> ——)	355	
(<i>Hays</i> ——)		
(<i>Jennings</i> ——)	460	
(<i>Kerr</i> ——)		
(<i>Foulks</i> ——)	340	
(<i>Edwards</i> ——)		
(<i>Moody</i> ——)	340	
(<i>Manley</i> ——)		
<i>Haughton</i> ——	230	
(<i>Killigrew</i> ——)	280	
(<i>Bundee</i> ——)		
<i>Pugh</i> ——	230	

Rates	Ships	Commanders
4th	<i>Affurance</i> ——	C. <i>Mack Donell.</i>
4	<i>Bonadventure</i> ——	C. <i>Hopson</i> ——
4	<i>Bristol</i> ——	C. <i>Leighton</i> ——
4	<i>Centurion</i> ——	C. <i>Elliot</i> ——
4	<i>Constant Warwick</i>	C. <i>Cornwall</i> ——
4	<i>Crown</i> ——	C. <i>Robinson</i> ——
4	<i>David Saint</i> ——	C. <i>Botham</i> ——
4	<i>Deptford</i> ——	C. <i>Rook</i> ——
4	<i>Diamond</i> ——	C. <i>Walters</i> ——
4	<i>Dover</i> ——	C. <i>Shovel</i> ——
4	<i>Foresight</i> ——	C. <i>Standley</i> ——
4	<i>Greenwich</i> ——	C. <i>Wrenn</i> ——
4	<i>Jersey</i> ——	C. <i>Beverly</i> ——
4	<i>Mordaunt</i> ——	C. <i>Tyrrell</i> ——
4	<i>New Castle</i> ——	C. <i>Churchill</i> ——
4	<i>Non such</i> ——	C. <i>Montgomery</i>
4	<i>Phoenix</i> ——	C. <i>Gifford</i> ——
4	<i>Portland</i> ——	C. <i>G. Aylemore</i>
4	<i>Portsmouth</i> ——	C. <i>St. Lo</i> ——
4	<i>Ruby</i> ——	C. <i>Froud</i> ——
4	<i>Swallow</i> ——	C. <i>M. Aylemore</i>
4	<i>Tiger</i> ——	C. <i>Tennant</i> ——

Lieutenants	Men	Station
<i>Fitz Patrick</i> —	180	} Channel
<i>Granvil</i> —	230	
{ <i>Penn</i> —	230	
{ <i>Townsend</i> —	230	
	230	
<i>Hales</i> —	180	
<i>Wickham</i> —	230	
{ <i>Jennings</i> —	280	
{ <i>Walker</i> —	280	
{ <i>Guy</i> —	280	
{ <i>Bowyer</i> —	280	
<i>Greenway</i> —	230	
<i>Dawes</i> —	230	
{ <i>Hubbard</i> —	230	
{ <i>Man</i> —	230	
{ <i>Vaughan</i> —	280	
{ <i>Audeley</i> —	280	
<i>Hammond</i> —	230	
<i>Carveth</i> —	230	
<i>Harman</i> —	280	
<i>Talbot</i> —	180	
<i>Harrison</i> —	180	
<i>Trevanion</i> —	240	
<i>Beaumont</i> —	220	
<i>Gillam</i> —	230	
<i>Whittaker</i> —	230	
<i>L. Will. Murray</i>	230	

Rates	Ships	Commanders
4th	<i>Woolwich</i> —	C. <i>Hastings</i> —
6	<i>Lark</i> —	C. <i>Grimsditch</i> —
6	<i>Saudados</i> —	C. <i>Graydon</i> —
Bomb.	<i>Fire Drake</i> —	C. <i>Leake</i> —
Ketch	<i>Quaker</i> —	C. <i>Allin</i> —
Yts.	<i>Cleveland</i> —	C. <i>Hoskins</i> —
	<i>Fubbs</i> —	C. <i>R. Sanderfon</i>
	<i>Isabella</i> —	C. <i>W. Sanderfon</i>
	<i>Katherine</i> —	C. <i>Clements</i> —
	<i>Kitchin</i> —	C. <i>Crow</i> —
F.Sh.	<i>Mary</i> —	C. <i>Fazeby</i> —
	<i>Cygnat</i> —	C. <i>Shelley</i> —
	<i>Dartmouth</i> —	C. <i>Legg</i> —
	<i>Elizabeth and Sarah</i> —	C. <i>Dover</i> —
	<i>Guardland</i> —	C. <i>Jenifer</i> —
	<i>Richard & John</i> —	C. <i>Will Wright</i>
	<i>Supply</i> —	C. <i>Crosse</i> —
	<i>Guernsey</i> —	C. <i>Arthur</i> —
	<i>Pearl</i> —	C. <i>Coale</i> —
	<i>Richmond</i> —	C. <i>Fairborne</i> —
	<i>Swan</i> —	C. <i>Johnson</i> —
	<i>Sophia</i> —	C. <i>Mings</i> —
	<i>Speedwell</i> —	C. <i>Powson</i> —
	<i>Rose Salley Prize</i>	
	<i>Saint Paul</i> —	C. <i>Boteler</i> —
	<i>Charles & Henry</i>	C. <i>Stone</i> —

Lieutenants	Men	Station
{ <i>Talmach</i> ——— }	280	} Channel
{ <i>Baker</i> ——— }	85	
	75	
	75	
	40	
	30	
	40	
	30	
	30	
	30	
	30	
	30	
	30	
	30	
	55	
	25	
	50	
	20	
	20	
	50	
	50	
	50	
	50	
	27	
	30	
	37	
	50	
	25	

Rate	Ships	Commanders
F.Sh. {	<i>Roebuck</i>	C. <i>Pooley</i>
	<i>Unity</i>	C. <i>Wyvel</i>
	<i>Charles</i>	C. <i>Potter</i>
	<i>Half-moon</i>	C. <i>Munden</i>
	<i>Young Spragg</i>	C. <i>Wiseman</i>
Yacht	<i>Merlin</i>	C. <i>Wilde</i>
F.Sh. {	<i>Eagle</i>	C. <i>Willford</i>
	<i>Sampson</i>	C. <i>Harris</i>
Yacht	<i>Navy</i>	C. <i>Cotton</i>
Ketch	<i>Kingfisher</i>	C. <i>Swaine</i>
Yacht	<i>Monmouth</i>	C. <i>Will. Wright</i>
4th	<i>Dragon</i>	C. <i>Killigrew</i>
4	<i>Sedgemore</i>	C. <i>Lloyd</i>
5	<i>Sapphire</i>	C. <i>Toster</i>
Hulk	<i>Leopard</i>	
4	<i>Assistance</i>	C. <i>Law. Wright</i>
6	<i>Drake</i>	C. <i>Spragg</i>
5	<i>Rose</i>	C. <i>George</i>
Ketch	<i>Deptford</i>	C. <i>Berry</i>
6	<i>Dunbarton</i>	C. <i>Roe</i>

Lieutenants	Men	Station
	16	Channel
	25	
	30	
	35	
	20	Portsm. } Guard
	30	
	45	
	50	
	20	Sheern.
	20	Guernsey
	15	Jersey
	20	Ireland
{ Bokenham }	185	Salley
{ Sherborne }		
{ Buckely }	240	
{ Hawkins }		
Brisbane	115	
	33	Jamaica
Chapman	200	
	65	New-England
Condon	105	
	40	Virginia
	70	

Ships

Ships just come-in		
Rate	Ships	Commanders
3d	<i>Montague</i> —	<i>L. Berkley, R. Ad.</i>
3	<i>Rupert</i> —	<i>Sir Will Jennens</i>
Ships go-		
Rate	Ships	Commanders
3d	<i>Edgar</i> —	<i>L. Berkley, R. Ad.</i>
3	<i>Dunkirk</i> —	
3	<i>Warspight</i> —	<i>Sir Will Jennens</i>
3	<i>Hampton-Court</i> —	<i>C. Priestman</i>
3	<i>Kent</i> —	<i>Sir F. Wheeler</i>
4	<i>Tiger Prize</i> —	<i>C. Smith</i>
4	<i>Sweepstakes</i> —	
F. Sh.	<i>Mermaid</i> —	<i>C. Ley</i>
	<i>Thomas & Eliz.</i>	
	<i>Owners Love</i> —	
	<i>Cadiz Merchant</i> —	

to be exchanged.

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Lieutenants	Men	Station
<i>Conway</i> _____ <i>Every</i> _____ <i>Staggins</i> _____ <i>Day</i> _____	355 400	} Channel.

ing out.

Lieutenants	Men	Station
<i>Every</i> _____ _____ _____ _____ <i>Buck</i> _____ <i>Usher</i> _____ _____ <i>Foules</i> _____ _____ _____ _____ _____ _____ _____	460 340 420 460 460 230 80 50 40 40 45	} Channel.

DEPTS

H

Abstract

Abstract of the preceding Lift				
Rates and Qualities	Ships			Men
	At Sea	Going out	Total	
Rates— { 3d—	10	5	15	6080
4—	29	2	31	7015
5—	2	0	2	220
6—	4	0	4	295
Fireships—	22	4	26	965
Bomber—	1	0	1	75
Hulk—	1	0	1	33
Ketches—	3	0	3	95
Yachts—	9	0	9	260
Total—	81	11	92	15038

And

And to the end nothing may be wanting to render these *Notes* completely expressive of the *State*, not of that *Fleet* only, but of the whole *Navy* of *England* at this so extraordinary *Conjuncture*, I add one *Table* more, shewing (through all the principal *Circumstances* of it) the particular *Condition*, wherein every *Ship* and *Vessel* thereof then stood, with the united *Force* of the *Whole*, as follows, viz.

*A General List
and State
of the
whole
Navy of
England,
December 18,
1688.*

principal] principle *ad.*



A
LIST and STATE
OF THE
ROYAL NAVY

State

England (whether at *Sea* or in *December* 1688. shewing the *Con-*
therein, with respect to their *Re-*
Rigging and *Sea Stores*, upon that
of the last and highest *Estimates*
Officers of his *Navy* of the *Defects*
within *Mr. Pepys's Proposition*; com-
Works perform'd thereon by the
between the *Commencement* of their
its *Determination* *October* 12. 1688.

be noted,

upon _____	} the said 25
<i>bour</i> wanting repair, on—	
added to the <i>R. Navy</i> , since	
the 30 <i>New Ships</i> .	

of *March*
1686.

Ships

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har-</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>1st. Rate.</i>				
<i>St. Andrew</i> _____	B		*	
<i>Brittannia</i> _____	B			*
<i>Charles Royal</i> _____	B		*	
<i>George St.</i> _____	B			*
<i>James Royal</i> _____	B		*	
<i>London</i> _____	B		*	
<i>Michael St.</i> _____	B			*
<i>Prince Royal</i> _____	B			
<i>Sovereign</i> _____	B		*	
<i>2d. Rate.</i>				
<i>Albemarle</i> _____	B		*	
<i>Coronation</i> _____	B		*	
<i>Duke</i> _____	B		*	
<i>Dutchess</i> _____	B		*	
<i>Katherine</i> _____	B			*
<i>Neptune</i> _____	B		*	
<i>Osborn</i> _____	B		*	

Dec. 18. 1688.		<i>Estimates of their Defects.</i>	<i>Real charge of their Repairs.</i>	<i>Value of their Rigging and Sea Stores.</i>
bour.				
<i>To be re- pair'd.</i>	<i>Newly come in from Sea.</i>			
		£.	£.	£.
		1616	1650	4296
		2315	2138	5181
		1577	1646	4735
		1918	—	4296
		1400	1882	4735
		796	1574	4296
		1286	5092	3668
		—	—	4735
*		2134	1349	5181
		13042	15331	41123
		3213	3773	4296
		1200	1327	4296
		719	2862	4296
		1193	2826	4296
		1499	2081	3668
		949	1622	4296
		837	745	4296

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har-</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Sandwich</i> _____	B	_____	*	_____
<i>Vanguard</i> _____	B	_____	*	_____
<i>Victory</i> _____	B	_____	_____	_____
<i>Blindfold Castle</i> _____	B	_____	*	_____
3d. Rate.		_____	_____	_____
<i>Anne</i> _____	B	_____	*	_____
<i>Berwick</i> _____	B	_____	*	_____
<i>Breda</i> _____	B	_____	*	_____
<i>Burford</i> _____	B	_____	*	_____
<i>Cambridge</i> _____	B	*	_____	_____
<i>Captain</i> _____	B	_____	*	_____
<i>Defiance</i> _____	B	*	_____	_____
<i>Dreadnought</i> _____	B	*	_____	_____
<i>Dunkirk</i> _____	B	*	_____	_____
<i>Eagle</i> _____	B	_____	*	_____
<i>Edgar</i> _____	B	*	_____	_____
<i>Elizabeth</i> _____	B	*	_____	_____

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		1622	3015	4296
		897	1027	4296
*		<hr/>	<hr/>	3668
		650	3438	4296
		12779	22716	46000
		862	2203	2976
		1055	370	2976
		1186	1742	2976
		975	2165	2976
		944	4999	2580
		1215	3046	2976
		512	1747	2365
		1140	1780	2195
		409	592	1903
		705	586	2976
		1911	7141	2976
		503	1444	2976

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har-</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Essex</i> _____	B		*	
<i>Exeter</i> _____	B		*	
<i>Expedition</i> _____	B		*	
<i>Grafton</i> _____	B		*	
<i>Hampt. Court</i> _____	B	*		
<i>Harwich</i> _____	B		*	
<i>Henrietta</i> _____	B	*		
<i>Hope</i> _____	B		*	
<i>Kent</i> _____	B	*		
<i>Lenox</i> _____	B		*	
<i>Lion</i> _____	B		*	
<i>Mary</i> _____	B	*		
<i>Monck</i> _____	B			*
<i>Monmouth</i> _____	B		*	
<i>Montague</i> _____	B		*	
<i>Northumberl.</i> _____	B		*	
<i>Royal Oak</i> _____	B			
<i>Pendennis</i> _____	B	*		
<i>Plymouth</i> _____	B	*		
<i>Resolution</i> _____	B	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		1427	1454	2976
		1391	553	2976
		725	401	2976
		735	1496	2976
		830	4771	2976
		634	885	2580
		594	945	2195
		1257	1922	2976
		1382	1670	2976
		354	797	2976
		602	955	2195
		3152	7236	2195
		1565	2212	2195
		997	5643	2365
		503	3814	2365
		1186	1114	2976
*				2976
		736	1521	2976
		670	1111	2195
		510	1292	2365

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har-</i>	
			<i>re- pair'd.</i>	<i>Under repair.</i>
<i>Restauration</i> ——	B		*	
<i>Rupert</i> ——	B		*	
<i>Sterling-Cast.</i> ——	B		*	
<i>Suffolk</i> ——	B		*	
<i>Swiftsure</i> ——	B		*	
<i>Warspight</i> ——	B	*		
<i>Tork</i> ——	B	*		
<i>4th. Rate.</i>				
<i>Advice</i> ——	B	*		
<i>Albans St.</i> ——	C	*		
<i>Antelope</i> ——	B	*		
<i>Assistance</i> ——	B	*		
<i>Assurance</i> ——	B	*		
<i>Bonadventure</i> ——	A	*		
<i>Bristol</i> ——	A	*		
<i>Charles Gally</i> ——	B			
<i>Centurion</i> ——	B	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		2969	734	2976
		129	420	2365
		1349	2033	2976
		357	1857	2976
		610	941	2580
		1959	4130	2365
		1460	4147	2165
		39502	81869	104670
		2902	1558	1582
		2212	3597	1582
		1749	2142	1582
		1812	3640	1582
		989	1316	1348
		—	—	1582
		—	—	1582
	*	186	183	1348
		1222	3498	1582

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har-</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Constant Warwick</i>	B	*		
<i>Crown</i>	A	*		
<i>David St.</i>	B	*		
<i>Deptford</i>	C	*		
<i>Diamond</i>	B	*		
<i>Dover</i>	B	*		
<i>Dragon</i>	B	*		
<i>Falcon</i>	A			
<i>Foresight</i>	B	*		
<i>Greenwich</i>	B	*		
<i>Hampshire</i>	B		*	
<i>Happy Return</i>	A			*
<i>James Gally</i>	A		*	
<i>Jersey</i>	B	*		
<i>King-fisher</i>	A			*
<i>Mary Rose</i>	A			
<i>Mary Gally</i>	C		*	
<i>Mordaunt</i>	B	*		
<i>New Castle</i>	B	*		
<i>Nonsuch</i>	B	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		1189	451	1348
		—	—	1582
		210	687	1903
		2377	4596	1728
		576	821	1582
		1849	3043	1582
		748	268	1472
	*	—	—	1348
		390	380	1582
		280	374	1903
		2500	3349	1472
		—	—	1728
		—	—	1348
		2254	1416	1582
		—	—	1903
	*	—	—	1582
		—	—	1348
		642	1025	1582
		1329	2223	1728
		1721	2024	1348

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Oxford</i> _____	A			*
<i>Phoenix</i> _____	A	*		
<i>Portland</i> _____	B	*		
<i>Portsmouth</i> _____	B	*		
<i>Reserve</i> _____	B			
<i>Ruby</i> _____	A	*		
<i>Sedgemore</i> _____	C	*		
<i>Swallow</i> _____	B	*		
<i>Sweepstakes</i> _____	B	*		
<i>Tiger</i> _____	B	*		
<i>Tiger Prize</i> _____	B	*		
<i>Woolwich</i> _____	B	*		
<i>5th. Rate.</i>				
<i>Rose</i> _____	A	*		
<i>Saphire</i> _____	A	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		—	—	1903
		—	—	1348
		1922	4689	1728
		2500	2649	1472
	*	427	259	1582
			—	1582
		2337	3650	1728
		1314	1571	1582
		1368	1612	1348
		326	365	1728
		1348	1102	1582
		525	1513	2195
		39204	54001	65199
		—	—	902
		—	—	1031
				1933

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<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
6th. Rate.				
<i>Drake</i> —————	A	*		
<i>Dunbarton</i> —————	B	*		
<i>Fanfan</i> —————	B		*	
<i>Greybound</i> —————	A		*	
<i>Larke</i> —————	A	*		
<i>Saudados</i> —————	A	*		
Bombers				
<i>Fire-Drake</i> —————	C	*		
<i>Portsmouth</i> —————	A		*	
<i>Salamander</i> —————	C		*	
Fire Ships				
<i>Cadiz-Merchant</i> —————	C	*		
<i>Cygnat</i> —————	C	*		
<i>Charles</i> —————	C	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		—	—	536
		156	288	634
		30	36	391
		—	—	634
		—	—	634
		—	—	634
		186	324	3463
		—	—	634
		—	—	391
		—	—	536
		—	—	1561
		—	—	—
		—	—	250
		—	—	250

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Charles and Henry</i>	C	*		
<i>Dartmouth</i>	A	*		
<i>Eagle</i>	A	*		
<i>Eliz. and Sarab.</i>	C	*		
<i>Guardland</i>	B	*		
<i>Guernsey</i>	B	*		
<i>Half-Moon</i>	C	*		
<i>Mermaid</i>	A	*		
<i>Owners Love</i>	C	*		
<i>Pearle</i>	A	*		
<i>Paul St.</i>	B	*		
<i>Rich. and John</i>	C	*		
<i>Richmond</i>	B	*		
<i>Roebuck</i>	C	*		
<i>Rose</i>	B	*		
<i>Sampson</i>	B	*		
<i>Sophia</i>	B	*		
<i>Speedwell</i>	C	*		
<i>Supply</i>	C	*		
<i>Swann</i>	B	*		

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		—	—	273
		—	—	1031
		—	—	902
		—	—	300
		295	147	1031
		1150	1685	1031
		—	—	634
		—	—	1031
		—	—	—
		—	—	1031
		630	1014	1031
		—	—	—
		590	1403	902
		—	—	250
		155	575	902
		520	411	902
		110	182	536
		—	—	280
		—	—	—
		795	633	1031

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Thomas and Eliz.</i>	C	*		
<i>Unity</i>	C	*		
<i>Young Spragg</i>	B	*		
<i>Hoys.</i>				
<i>Delight</i>	B		*	
<i>Lighter</i>	B		*	
<i>Marygold</i>	B		*	
<i>Nonsuch</i>	C		*	
<i>Transporter</i>	B		*	
<i>Unity Horseboat</i>	B		*	
<i>Hulkes.</i>				
<i>Arms of Horne</i>	B		*	
<i>Arms of Rotterd.</i>	B		*	
<i>French Ruby</i>	B		*	
<i>George Saint</i>	B		*	

Dec. 18. 1688.		Estimates of their Defects.	Real charge of their Repair.	Value of their Rigging and Sea Stores.
bour.				
To be re- pair'd.	Newly come in from Sea.			
		£.	£.	£.
		—	—	—
		—	—	277
		80	126	390
		4325	6176	14265
		—	—	—
		—	—	—
		—	—	—
		—	—	—
		—	—	—
		—	—	—
		—	—	—
		129	83	—
		—	—	—
		2065	680	—
		1427	193	—

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea, or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Leopard</i> —————	B	*		
<i>Maria Prize</i> ———	C	} <i>Gibr.</i>		
<i>Puntoone</i> —————	B			
<i>State-House</i> ———	B		*	
<i>Ketches.</i>				
<i>Deptford</i> —————	A	*		
<i>Kingfisher</i> ———	A	*		
<i>Quaker</i> —————	A	*		
<i>Smacks.</i>				
<i>Escape Royal</i> ———	B		*	
<i>Little London</i> ———	B		*	
<i>Sheerness</i> —————	B		*	
<i>Shish</i> —————	B		*	
<i>Tow-Engine</i> ———	B		*	

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair</i>
<i>Yachts.</i>				
<i>Charlotte</i> _____	A		*	
<i>Cleveland</i> _____	B	*		
<i>Fubbs</i> _____	A	*		
<i>Henrietta</i> _____	A		*	
<i>Jemmy</i> _____	B		*	
<i>Isabella</i> _____	A	*		
<i>Isle of Wight</i> _____	B		*	
<i>Katherine</i> _____	A	*		
<i>Kitchin</i> _____	A	*		
<i>Mary</i> _____	A	*		
<i>Merlin</i> _____	B	*		
<i>Monmouth</i> _____	A	*		
<i>Navy</i> _____	A	*		
<i>Quinborow</i> _____	B		*	

Dec. 18. 1688.		<i>Estimates of their Defects.</i>	<i>Real charge of their Repair.</i>	<i>Value of their Rigging and Sea Stores.</i>
bour.				
<i>To be re- pair'd.</i>	<i>Newly come in from Sea.</i>			
		£.	£.	£.
		_____	_____	550
		_____	_____	550
		_____	_____	550
		_____	_____	550
		_____	_____	160
		_____	_____	360
		_____	_____	100
		_____	_____	550
		_____	_____	500
		_____	_____	550
		_____	_____	550
		_____	_____	550
		_____	_____	400
		_____	_____	50
				5970

An Abstract of the foregoing *Lift*
England, upon the 18. of *December*

<i>Ships and Vessels.</i>		<i>Place and Condition</i>		
		<i>At Sea or going forth.</i>	<i>In Har</i>	
			<i>re- pair'd.</i>	<i>Under Repair.</i>
<i>Rates</i> {	1. —		5	3
	2. —		9	1
	3. —	15	22	1
	4. —	31	3	3
	5. —	2		
	6. —	4	2	
<i>Bombers</i> —		1	2	
<i>Fireships</i> —		26		
<i>Hoy's</i> —			6	
<i>Hulks</i> —		1	7	
<i>Ketches</i> —		3		
<i>Smacks</i> —			5	
<i>Tachts</i> —		9	5	
		92	66	8

and State of the *Royal Navy* of
1688. with the *Force* of the whole.

127

Dec. 18. 1688.			Force.	
bour.				
To be re- pair'd.	Newly come in from Sea.	Total.	Men.	Guns.
I		9	6705	878
I		11	7010	974
I		39	16545	2640
	4	41	9480	1908
		2	260	60
		6	420	90
		3	120	34
		26	905	218
		6	22	—
		8	50	—
		3	115	24
		5	18	—
		14	353	104
3	4	173	42003	6930

Conclusion.

And having thus summarily brought this *Deduction* of the last *Ten* years *Home-Transactions* of our *Navy* to the day I first set for its *Period*, as it also (most wellcomely) proves to my own (now 30 *Years*) Relation to't; wherein (as an *Englishman*, and in a *Service* purely *English*) I have ever with all simplicity of mind contended, to render this humble *Province* of mine useful to my *Country*: I close this *Paper*.

Which amounting to little more than the *Contents* of one *Chapter* of a greater Number, wherewith the *World* may some time or other be more largely entertain'd upon the general Subject of the *Navalia* of *England*; I have, (for preventing either others or my own being misled, to the *believing* or *reporting* ought herein needing *Animadversion*) chosen to expose what is here said, Now, while

while so many are surviving, whose *Memories* (joyn'd with the easie Recourse to be still had to the *Original Registers* thereof in the *Offices* of the *Admiralty* and *Navy*) may enable them to do right to the *Publick*, *Themselves*, and *Me*, by a timely rectifying of any *Errors*, or Improvement of any *Truths*, which *Time* may otherwise render in themselves less discoverable, or Us less solicitous in the looking after them. In which consideration I shall (not gladly only, but) thankfully receive Intimations of any *Matters* herein calling for *Amendment*; as well-knowing how far from *infallible* his best *endeavours* must be, that has to do with a *Subject* so extensive, various, and complicate, as that of a *Navy*; and a *Navy* circumstanc'd as this happens to be within the limits of this *Chapter*.

But whatever (more or less) I may meet with from better *Hands* towards the improvement of this *Schitz*: Somewhat (I trust) of present utility may (even as it is) be hoped for from it,

in the so ample, fresh, and costly *Experiment* (and to *England* most instructive) which this *Paper* exhibits, of the *Validity* of these three *Truths* in its *Sea Oeconomy*, Viz.

Corol-
larys from
the Pre-
misses.

1.—That Integrity, and general (but unpractic'd) Knowledge, are not alone sufficient to conduct and support a Navy so, as to prevent its Declension into a State little less unhappy, than the worst that can befall it under the want of both.

2.—That not much more (neither) is to be depended on, even from Experience alone and Integrity; unaccompany'd with Vigour of Application, Assiduity, Affection, Strictness of Discipline, and Method.

3.—That it was a strenuous Conjunction of all these (and that Conjunction only) that within half the Time, and less than half the Charge it cost the Crown in the exposing it, had (at the very instant of its unfortunate Lord's Withdrawing from it) rais'd the Navy
of

of England from the lowest state of Impotence, to the most advanced step towards a lasting and solid Prosperity, that (all Circumstances consider'd) this Nation had ever seen it at.

And yet not such ; but that (even at this its Zenith) it both did and suffer'd sufficient to teach us, that there is Something above both That and Us, that Governs the World.

*To which (Incomprehensible) alone be
GLORY.*

FINIS.

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